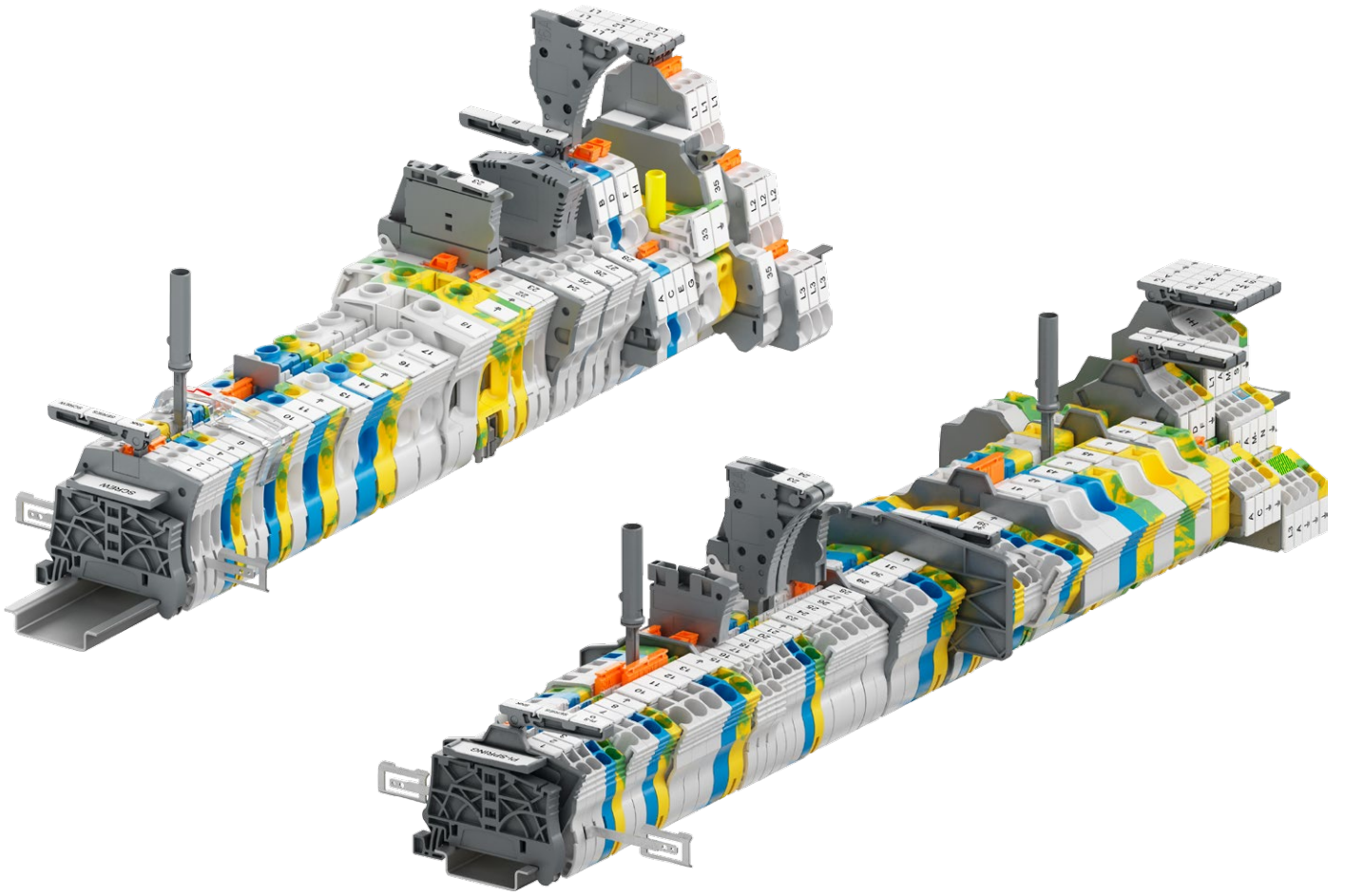


# ENTRELEC SNK TERMINAL BLOCKS PI-Spring, screw and pluggable technologies

ENTRELEC SNK TERMINAL BLOCKS



# SNK series, terminal blocks, accessories, marking solutions

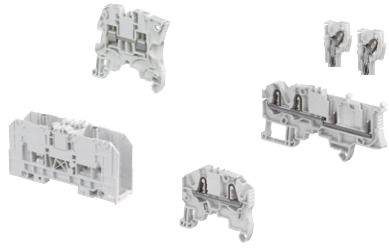
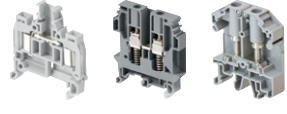
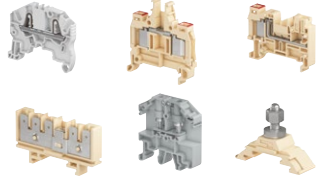





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## Connection devices offering

ABB proposes one of the largest connection offering on the market with various technologies: screw, PI-Spring, spring, IDC, pluggable, stud, etc. technologies found in over 8000 products & solutions.

1

	SNK & SNA standard terminal blocks		Solution series, specific terminal blocks		
			<b>Specific technologies</b> 		<b>Terminal blocks for railway applications</b> 
<b>Scope</b>	Qualified for worldwide applications and severe environments (such as hazardous locations, railways, marine and solar applications..). From 0.2 to 300 mm <sup>2</sup> .		Specific terminal blocks and technologies for dedicated applications and markets.		The largest offering on the market for rolling stock and infrastructures.
<b>Product families &amp; functions</b>	<b>SNK PI-Spring</b> 2.5 to 16 mm <sup>2</sup> 12 to 4 AWG	Feed-through Multi-deck Ground Disconnect for fuses Component holder	<b>ADO System® (IDC)</b> 0.22 to 4 mm <sup>2</sup> 24 to 12 AWG	ADO-ADO or ADO-screw clamp Feed-through / Multi-deck / Ground / Disconnect / for fuses / Component holder	<b>SNK PI-Spring</b> 2.5 to 16 mm <sup>2</sup> 12 to 4 AWG
			<b>Safety (spring loaded)</b> 0.22 to 10 mm <sup>2</sup> 24 to 6 AWG	Feed-through Disconnect Test & measurement	<b>SNK pluggable screw &amp; PI-Spring</b> 2.5 to 4 mm <sup>2</sup> 12 to 10 AWG
	<b>SNK Screw</b> 4 to 240 mm <sup>2</sup> 12 to 500 Kcmil	Feed-through Multi-deck Ground Disconnect for fuses Test & measurement Marshalling Component holder	<b>Stud</b> 25 to 120 mm <sup>2</sup> 2 AWG to 500 Kcmil	One stud 2 studs One stud - One wire-clamp	<b>ADO System® (IDC)</b> 1.5 to 4 mm <sup>2</sup> 16 to 12 AWG
			<b>Ring lug</b> 2.5 to 25 mm <sup>2</sup> 14 to 4 AWG	Feed-through Test & measurement	<b>Stud</b> 4 to 185 mm <sup>2</sup>
	<b>SNK pluggable screw &amp; PI-Spring</b> 2.5 to 4 mm <sup>2</sup> 12 to 10 AWG	Feed-through 1 or 2 circuits	<b>Miniblocks</b> 1.5 to 6 mm <sup>2</sup> 18 to 8 AWG	Screw clamp Spring ADO System® (IDC)	<b>Quick-connect</b> 2.5 to 6 mm <sup>2</sup>
<b>SNA Stud</b> 35 to 300 mm <sup>2</sup> 1 AWG to 1000 Kcmil	Feed-through Stud-stud Hybrid Stud-screw	<b>Other types</b> <b>Test &amp; measurement:</b> with sliding link, blade, plug <b>Pluggable:</b> feed-through, double deck, disconnect <b>Sensors/actuators:</b> screw, spring, ADO system (IDC) <b>Installation:</b> screw, spring <b>Protection:</b> ground + neutral <b>Component holders:</b> screw, spring, ADO system (IDC)			
<b>Catalogs: Flash QR code</b>	SNK series, terminal blocks 	SNA series, terminal blocks 	Solution series, terminal blocks 	RGW ring lug terminal blocks 	Terminal blocks for railway applications 

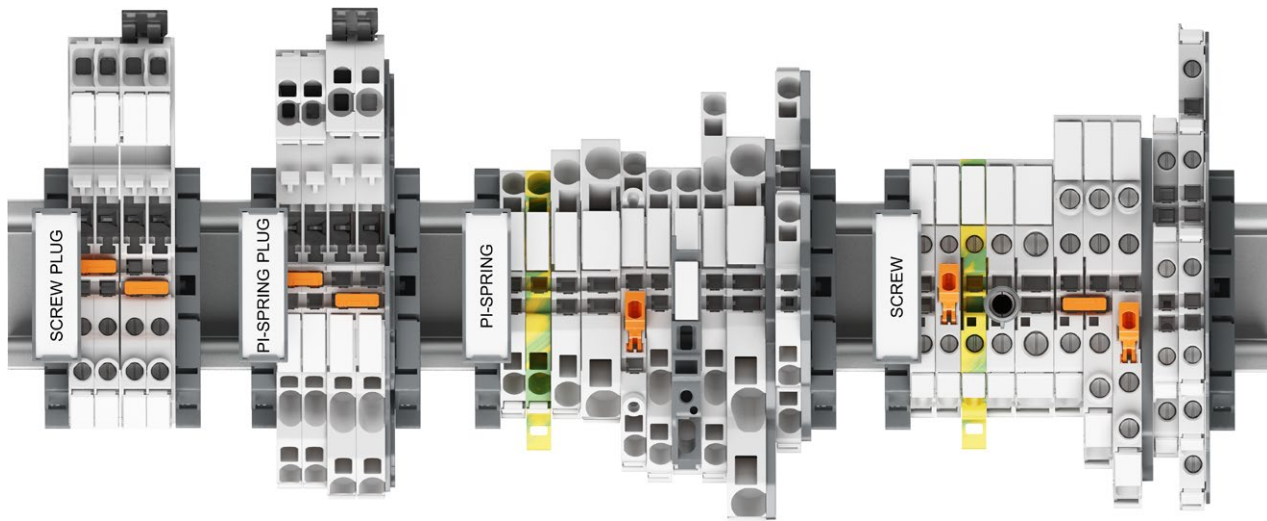
Marking solutions

Distribution blocks	ESSAILEC® test block	Interfast PLC pre-wiring system	Marking solutions
			
<p>The preferred choice for primary power distribution and solar applications.</p>	<p>Test blocks for safe and easy testing on secondary circuits of current and voltage transformers and sensors.</p>	<p>PLC pre-wiring system for fast, flexible, reliable connection of PLC's in process automation applications.</p>	<p>Markers &amp; marking systems for all identification requirements in electrical panels.</p>
<p>Up to 185 mm<sup>2</sup> (350 Kcmil)</p> <p>Modular blocks: single pole, three &amp; four poles, up to 11 outputs</p> <p>Terminal blocks types: 2 to 10 poles, up to 20 outputs</p>	<p>Current and voltage sockets &amp; plugs</p> <p>Simultaneous testing of 1 to 4 independent circuits on the same socket</p> <p>Several testing principle such as "make before break" for safe current transformer testing</p> <p>Panel and switchboard mounting : base, flush, rack, TH35 rail</p> <p>Multicircuits sockets &amp; plugs</p>	<p>Interfast PCB: Compact &amp; standard modules</p> <p>Interfast MS: Modular system based on terminal block technology</p> <p>Functions:</p> <ul style="list-style-type: none"> <li>- 1 to 4 wire connections (sensors)</li> <li>- Disconnect</li> <li>- Fuse</li> <li>- Signal indication</li> <li>- Relays</li> <li>- Optocouplers</li> <li>- Solenoid valve control</li> <li>- Galvanic isolation (2.5 kV).</li> </ul>	<p>Terminal block identification and group markers</p> <p>Wire and cable identification</p> <p>Component and equipment identification</p> <p>Panel identification</p> <p>Pre-printed markers for terminal blocks</p>
Distribution blocks	ESSAILEC®, test blocks	Interface modules & selection guides	Marking solutions
			



## SNK series, terminal blocks

PI-Spring, screw clamp and pluggable technologies



The innovative range available in PI-Spring (Push-In and Spring), screw clamp and pluggable technologies with common accessories. Qualified for worldwide applications and severe environments such as hazardous locations, railways, marine and solar applications...



### Speed up your projects

#### Smart connections, higher productivity

Up to 90% mounting time reduction with our PI-Spring, screw clamp and pluggable technologies.

#### Simplified selection and design

Intuitive codification, simplified catalogs, large technical data base.

#### Better project identification

20% larger marking area.

Pre-mark by hand or label before final marker installation.



### Easy to install

#### Secured installation

Asymmetrical design avoid mounting and wiring errors.

Zero-retightening with our technologies.

#### Faster accessories mounting

Benefit from screwless ground connection, jumpers, end stops.

#### Smart design facilitating assembly process

Mounting, wiring, testing... made easy.



### Optimized logistics

#### 50% less accessories needed

End sections, circuit separators fit several blocks.

#### Common accessories

PI-Spring, screw and pluggable ranges share the same accessories.

#### Simplified inventory management

Significant reduction of part numbers to manage.

## ABB PI-Spring technology

### Two technologies in one connection

The patented design of ABB's PI-Spring can be used as a Push-in or traditional spring connection: Push-in and spring. The Push-in mode allows a direct one-step insertion of solid and flexible stranded wires with a ferrule, 50% faster than standard screw clamp technology.

Using the spring mode, very little effort is required to open the spring clamp with a screwdriver and insert the wire, which does not need a ferrule. The screwdriver locks in the terminal block after insertion, freeing up hands to manipulate wires or circuit drawings.

## Features

All certification testing performed with non prepared wires, ensuring perfect connections with or without ferrules

Flat surface of the PI-Spring makes wire and screwdriver insertion smoother and easier

Dimensions, coating and shape of the linking bar designed to get the lowest and most stable electrical contact value

Very good electrical contact even in applications where vibration and shock are an issue, such as railway

Connection elasticity and design strictly controlled to ensure an easy and safe insertion of both conductor and screwdriver

The PI-Spring technology has successfully passed aging tests (30 days temperature rise test and 14 days heat cycling test) guaranteeing the perfect long-term contact quality of our screwless technology

Excellent pulling strength exceeding IEC standard requirements

Stainless steel PI-Spring for high corrosion resistance up to 1,000 hours salt mist resistance



From 0.2 mm<sup>2</sup> up to 16 mm<sup>2</sup>

From 26 AWG up to 4 AWG



# ABB screw clamp technology

## The heavy duty connection

### Unique design, flies over time thanks to its reliability and safety

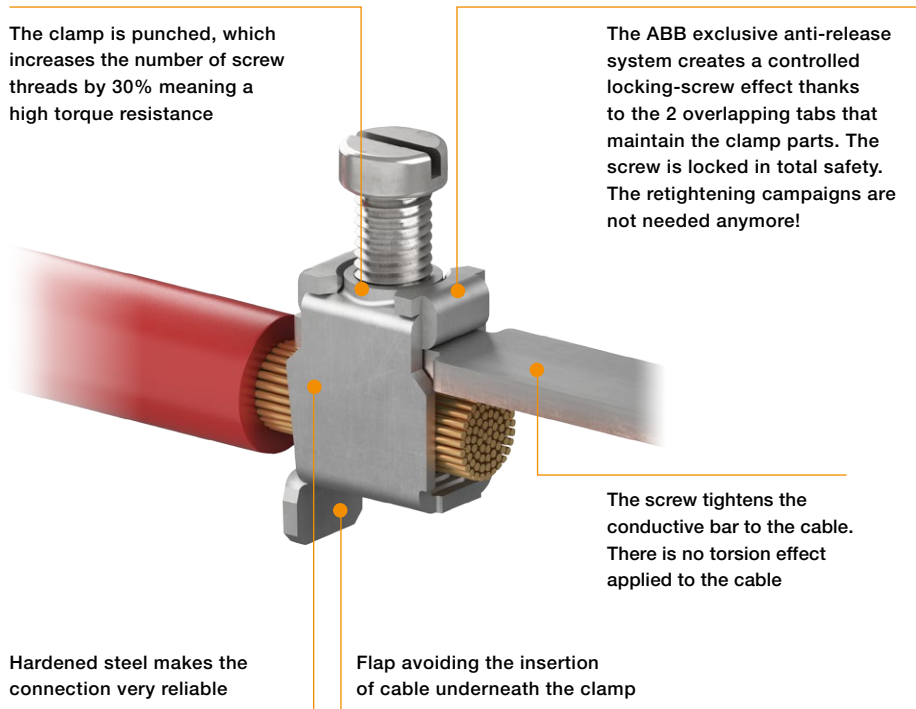
The ABB screw clamp technology is designed to avoid accidental releases due to vibrations, shocks or even abusive cable draw.

### High density capacity

The screw clamp technology can fit up to two conductors per clamp which offers extended possibilities in electrical cabinets.

1

## Features



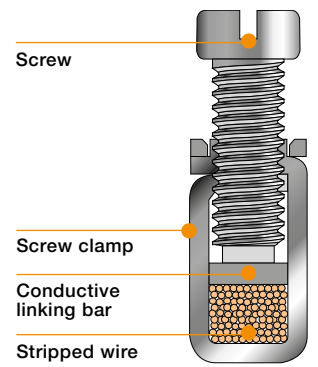
The clamp is punched, which increases the number of screw threads by 30% meaning a high torque resistance

The ABB exclusive anti-release system creates a controlled locking-screw effect thanks to the 2 overlapping tabs that maintain the clamp parts. The screw is locked in total safety. The retightening campaigns are not needed anymore!

The screw tightens the conductive bar to the cable. There is no torsion effect applied to the cable

Hardened steel makes the connection very reliable

Flap avoiding the insertion of cable underneath the clamp



From 0.2 mm<sup>2</sup> up to 120 mm<sup>2</sup>

From 24 AWG up to 0000 Kcmil

## ABB pluggable technology

The pluggable technology allows "plug and play" connection. It enables productivity savings, wiring optimization thanks to serialized pre-wired plugs harnesses, as well as secured final commissioning.

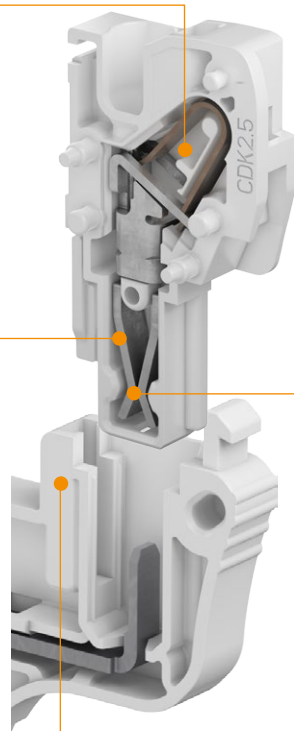
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### Features

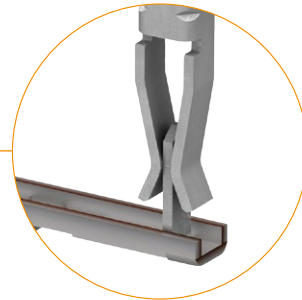
The ABB plug is the most compact on the market thanks to the punched U-shaped linking bar allowing direct conductor contact. ABB Patented design!

The lyres are made of copper alloy in order to offer maximized mechanical elasticity resistance (superior to 50 matings/unmatings)

The ABB pluggable terminal blocks have successfully performed the marine environmental tests and meet the most severe rolling stock requirements in 3 axis vibrations and shock resistance (for PI-Spring pluggable terminal blocks versions)

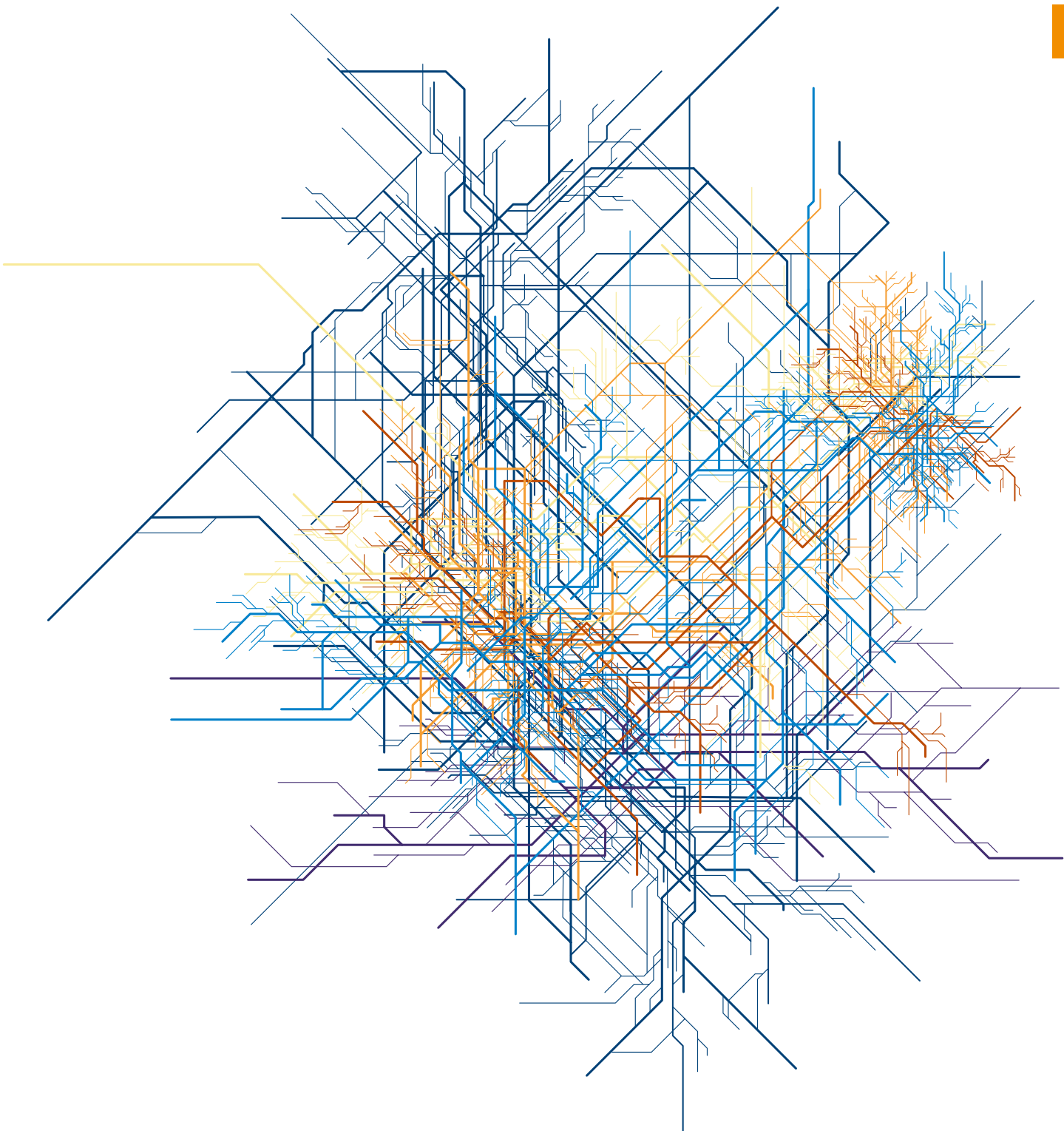


The chamfer shape guarantees auto-centering and mechanical integrity of the plug when inserted into the pluggable terminal block



From 0.2 mm<sup>2</sup> up to 4 mm<sup>2</sup>

From 26 AWG up to 10 AWG



## SNK series, terminal blocks

### Applications

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion...

#### Industry and Commercial



SNK series, terminal blocks can be used worldwide in all types of industrial and commercial applications. All our products have CB, UL and CSA third party certificates delivered by independent laboratories. SNK series products are developed and qualified in accordance with the following international standards:  
IEC 60947-1, IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3, UL 1059, CSA C22.2 n°158-10.



#### Solar



Thanks to their high voltage rating (up to 1250 V DC per IEC 60947-7-1 and 1000 V DC per UL 1059), SNK terminal blocks are ideally suited for use in solar equipment.

#### Waste and Water



SNK terminal blocks are well adapted to harsh environment conditions such as waste and water applications. They have successfully passed the salt mist test in accordance with IEC 60068-2-11 (PI-Spring withstand up to >1000 h). SNK terminal blocks are also compliant with flowing mixed gas corrosion test per IEC 60068-2-60 (test duration: 21 days).

## Railways



All SNK series products are suited to track-side fixed equipment.

For the more demanding environment of rolling stock applications, PI-Spring has been successfully tested in accordance with IEC 61373 requirements to resist high vibration and shock conditions (multi-axial waves, acceleration...).

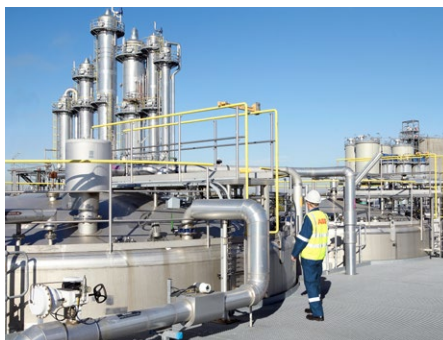
The plastic material used is compliant with the flammability, smoke toxicity and opacity severe requirements of the traction segment and can be classified I2F2 per NF F 16-101 and NF F 16-102 standards; HL3 R22 per EN 45 545 standard and V0 per UL94 standard.

It complies with NFPA 130 per ASTM E 162 and ASTM E 662 standards tests and with FR238.103 and BSS 7239 standards.

The IRIS certificate guarantees the respect of international railway industry requirements.



## Hazardous locations



SNK series is certified IEC Ex in accordance with IEC 60079-0 and IEC 60079-7 (increased safety "Exe") world international standards for products used in explosive atmospheres.

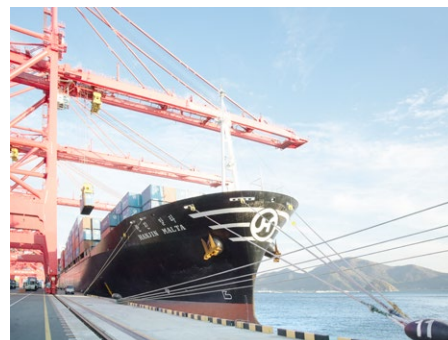
In order to serve specific local market requirements, some SNK products have additional local certifications such as: ATEX, UL hazardous Locations or BR-Ex...

SNK products have successfully passed toughest tests like the thermal endurance test: 2 weeks in hot environment at 95 °C (+90% RH) followed by 2 weeks at 125 °C and one day cold environment test (-65 °C).

This proves the high mechanical performances of the SNK products.



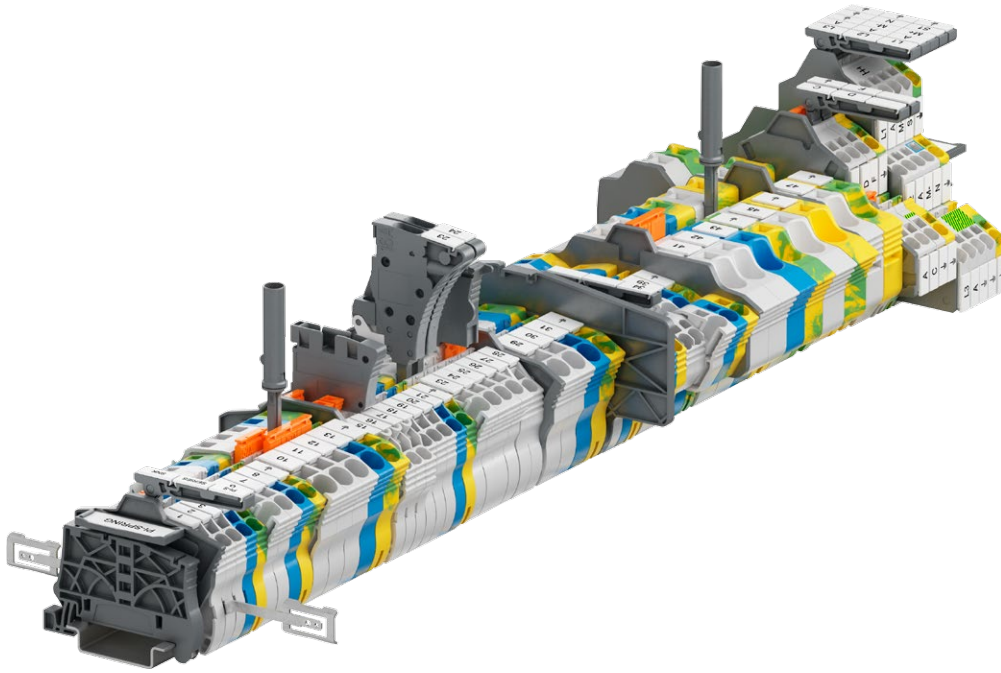
## Marine



SNK products have proven their performance by successfully passing tests required for the most extreme conditions. (eg: salt mist, damp or dry heat and cold environments) per IEC 60068 standards.

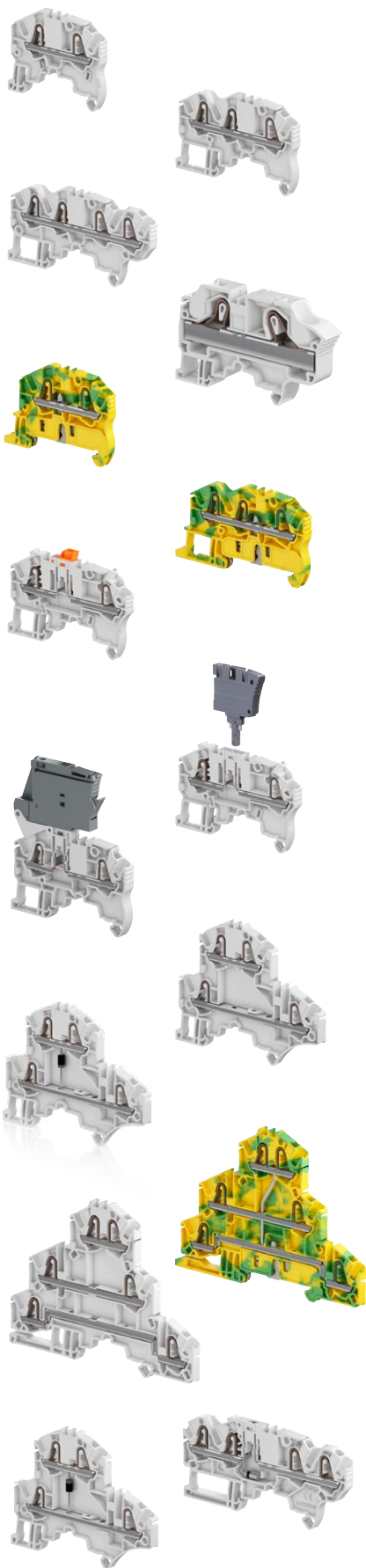
In order to serve the worldwide marine markets requirements, SNK products have the following Marine certifications: BV Marine, DNV, RINA, RMRS.





# SNK series, terminal blocks

## PI-Spring technology



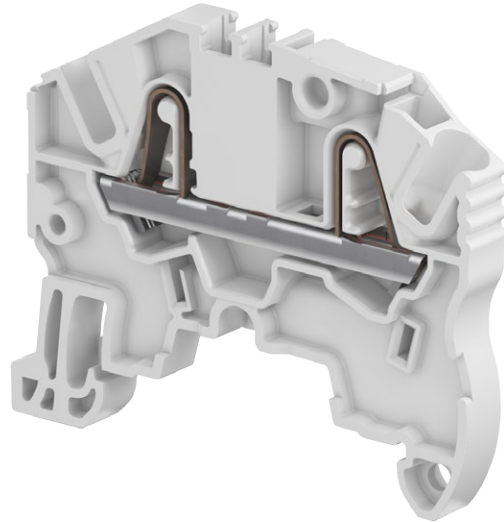
Technologies presentation		14
Overview		20
<b>Feed-through</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5</b>	21
	<b>ZK2.5-3P</b> with 3 connections	22
	<b>ZK2.5-4P</b> with 4 connections	23
4 mm <sup>2</sup> / 10 AWG	<b>ZK4</b>	24
	<b>ZK4-3P</b> with 3 connections	25
	<b>ZK4-4P</b> with 4 connections	26
6 mm <sup>2</sup> / 8 AWG	<b>ZK6</b>	27
	<b>ZK6-3P</b> with 3 connections	28
10 mm <sup>2</sup> / 6 AWG	<b>ZK10</b>	29
	<b>ZK10-3P</b> with 3 connections	30
16 mm <sup>2</sup> / 4 AWG	<b>ZK16</b>	31
	<b>ZK16-3P</b> with 3 connections	32
<b>Ground</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-PE</b>	33
	<b>ZK2.5-PE-3P</b> with 3 connections	34
	<b>ZP2.5-PE-4P</b> with 4 connections	35
4 mm <sup>2</sup> / 10 AWG	<b>ZK4-PE</b>	36
	<b>ZK4-PE-3P</b> with 3 connections	37
	<b>ZK4-PE-4P</b> with 4 connections	38
6 mm <sup>2</sup> / 8 AWG	<b>ZK6-PE</b>	39
	<b>ZK6-PE-3P</b> with 3 connections	40
10 mm <sup>2</sup> / 6 AWG	<b>ZK10-PE</b>	41
	<b>ZK10-PE-3P</b> with 3 connections	42
16 mm <sup>2</sup> / 4 AWG	<b>ZK16-PE</b>	43
	<b>ZK16-PE-3P</b> with 3 connections	44
<b>Disconnect with blade</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-S</b> with test sockets	45
	<b>ZK2.5-S-4P</b> with test sockets	46
	<b>ZK2.5-S-R1</b>	47
<b>Disconnect with plug</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-SP</b> with test sockets	48
	<b>ZK2.5-SP-4P</b> with test sockets	49
<b>For 5x20 fuses</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-SF</b>	50
	<b>ZK2.5-SF-R</b> with blown fuse indicator	51
<b>Double deck</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-D2</b> 2 feed-through circuits	52
	<b>ZK2.5-D1</b> 1 feed-through circuit	53
	<b>ZK2.5-D2-PE</b> 1 feed-through circuit and 1 ground circuit	54
	<b>ZK2.5-D1-PE</b> 1 ground circuit	55
<b>Triple deck</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-T3</b> 3 feed-through circuits	56
	<b>ZK2.5-T1</b> 1 feed-through circuit	57
	<b>ZK2.5-L-L-PE</b>	58
	<b>ZK2.5-L-N-PE</b> 2 feed-through circuits and 1 ground circuit	59
	<b>ZK2.5-T1-PE</b> 1 ground circuit	60
<b>Component holder</b>		
2.5 mm <sup>2</sup> / 12 AWG	<b>ZK2.5-CH-4P-LR</b>	61
	<b>ZK2.5-CH-4P-RL</b>	62
	<b>ZK2.5-D-CH-UD</b>	63
	<b>ZK2.5-D-CH-DU</b>	64
	<b>ZK2.5-D-CH2-DU-RL</b>	65

## PI-Spring technology - SNK series, terminal blocks

### Features and benefits

The patented PI-Spring technology provides the benefits of both Push-In and Spring technologies in one connection

2



#### Speed up your projects

##### 50% faster connection time with Push-in mode

Our Push-in connection technology allows:

A direct one step insertion with rigid and prepared flexible conductors.

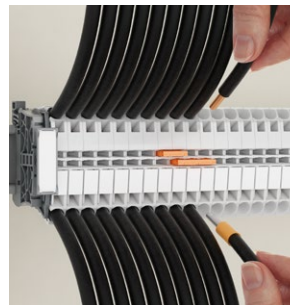
Easy and quick insertion of the prepared flexible conductor or rigid conductor.

##### Reduced effort and conductor preparation time with spring mode

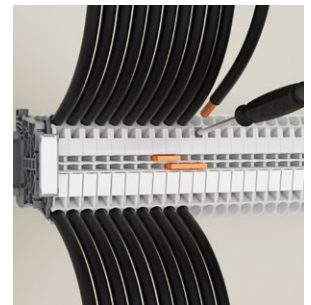
- Our connection requires minimal effort to insert wires with the screwdriver
- Flexible conductors preparation is not necessary.
- The screwdriver locks onto terminal freeing up hands.

##### Better project identification

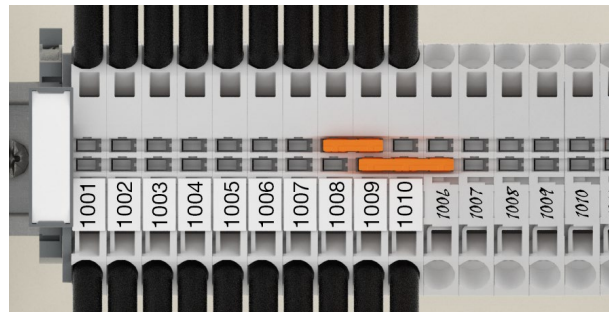
- Circuit identification is improved thanks to the 20% larger marking area
- Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
- Spare markers re-printing in case of modifications.



Push-in mode



Spring mode



Clear circuit identification

1SNK162074S0201



## PI-Spring technology - SNK series, terminal blocks

### Features and benefits

#### Easy to install

##### Smart design facilitating assembly process

Mounting, wiring, testing... made easy

Avoid mounting and wiring errors: asymmetrical design allows immediate visual check in case of reversed terminal blocks.

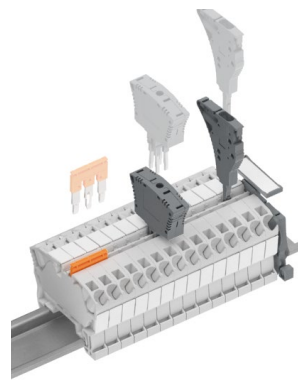


Asymmetrical design avoids mounting error

#### Faster accessories mounting

Save up to 70% mounting time thanks to :

- screwless jumpers, component plugs, test devices, end stops and snap-in ground terminal blocks.

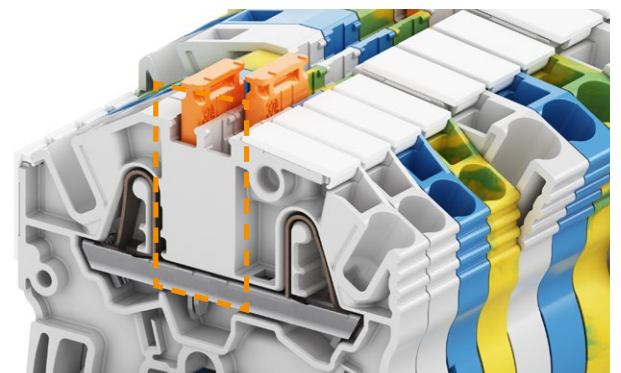


Screwless accessories



Snap-in ground terminal blocks

Closed jumper location allows great stiffness of the terminal block, avoid deflection while tightening and optimal jumper guiding.



Closed jumper location for stiffness.

# PI-Spring technology - SNK series, terminal blocks

## Features and benefits

### Easy to install

#### Smart accessories

Flexible test solutions from individual insulated test adapter to test connectors for complete assemblies testing.

- Direct plug-in into jumpers channels
- 5, 6, 8 mm spacing, mixing various spacing is possible
- 1000 V rating.

2



Plug-in individual test adapter.

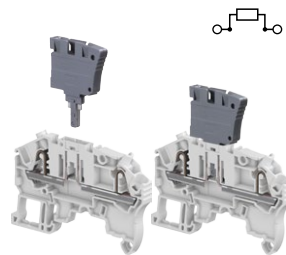


Plug-in test connector.

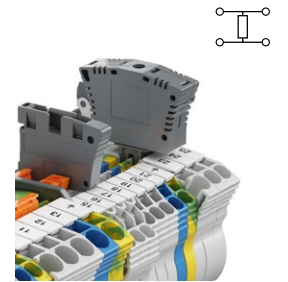
Component holder plugs for series or parallel component mounting (resistors, filters, diodes..).

Can be installed after wiring.

Series plug offers screwless component connection (no soldering).



Series plug associated with disconnect blocks.



Parallel plug to be installed between 2 blocks.

Smart plug-in jumpers:

Pre-cut poles removable by hand: clean cut.

Insulated up to 1000 V (avoid use of separators).

Predefined shapes in molding to easily identify connected poles with a pen.



Pre-cut poles easy removable by hand.



Predefined shape to identify connected poles.

### Optimized logistics

50% less inventory makes PI-Spring attractive to all worldwide markets

- The user selects one range but benefit from 2 connection modes (push-in and spring) which have global certifications and access to markets and applications worldwide
- Reduced packaging adapted to the usage (20 items packaging on some items).



Push-in range + Spring range



PI-Spring

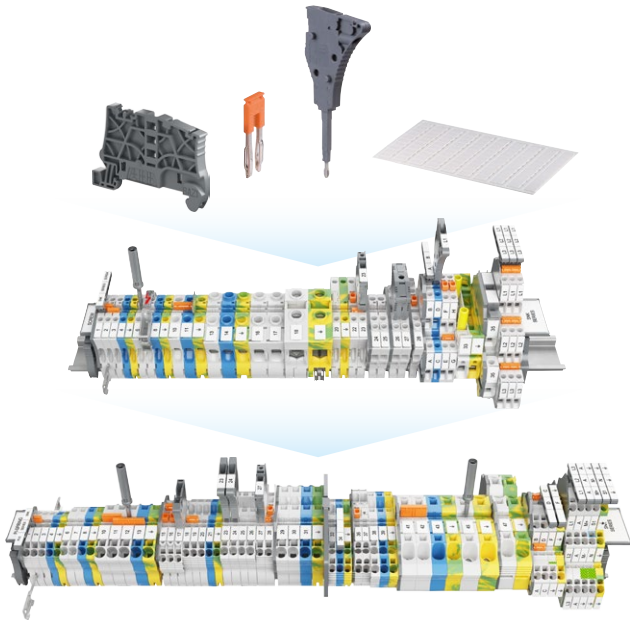
# PI-Spring technology - SNK series, terminal blocks

## Features and benefits

### Optimized logistics

#### Reduce your accessories inventory by up to 50%

SNK PI-Spring, screw and pluggable ranges share the same accessories.



Shared accessories for SNK PI-Spring, screw and pluggable ranges

### Facilitate maintenance operations

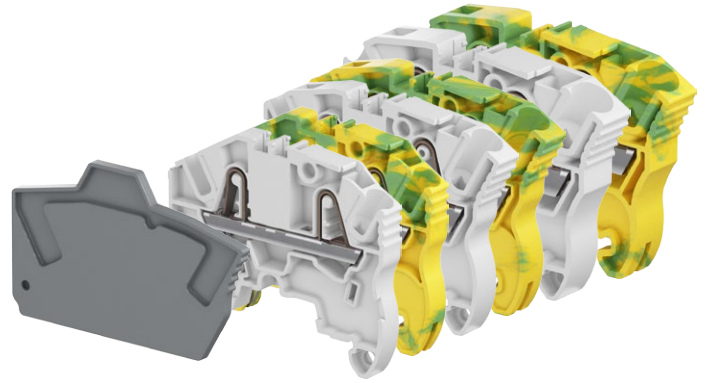
Terminals can be individually removed from a terminal assembly equipped with markers: ABB markers become independent after strip mounting, ABB markers remain on terminal in any situation.

Markers are interchangeable: the smaller marker can fit any bigger block



Maintenance operations facilitated

- All end sections and circuit separators fit several types and sizes of blocks
- One end section fits up to 21 models
- One circuit separator fits with 62 terminal blocks.



End sections and circuit separators fit several types and sizes of blocks

### Reliable in harsh conditions

#### Worldwide access to worldwide markets

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion...

#### High corrosion resistance

PI-Spring clamp is made of high quality stainless steel. Salt mist withstand up to 1,000 hours (as per IEC 60068).



## SNK series, terminal blocks

PI-Spring technology

Range overview from 2.5 to 16 mm<sup>2</sup> - 12 to 4 AWG



Connections

### Single deck

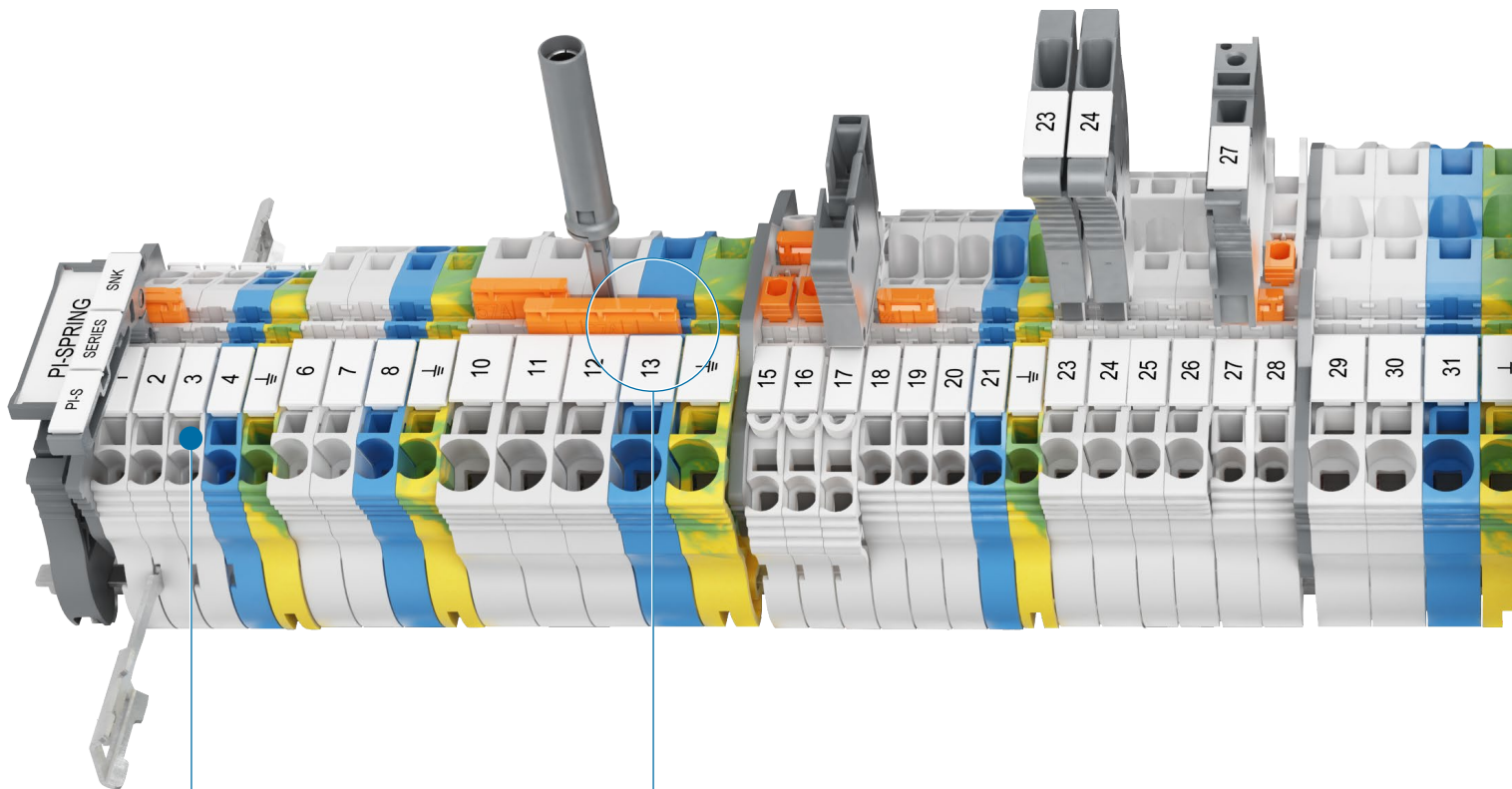
Feed-through  
Ground  
Disconnect  
Fuse



Connections

### Single deck

Feed-through  
Ground



### Voltage test

screwdriver entry  
point accepts  
Category II probes

### Double central channels

allows multiconfigurations  
(jumping, testing and measuring)

4



Connections

**Single deck**

Feed-through  
Ground  
Disconnect  
Component holder

2x2



Connections

**Double deck**

Feed-through  
Ground  
Component holder

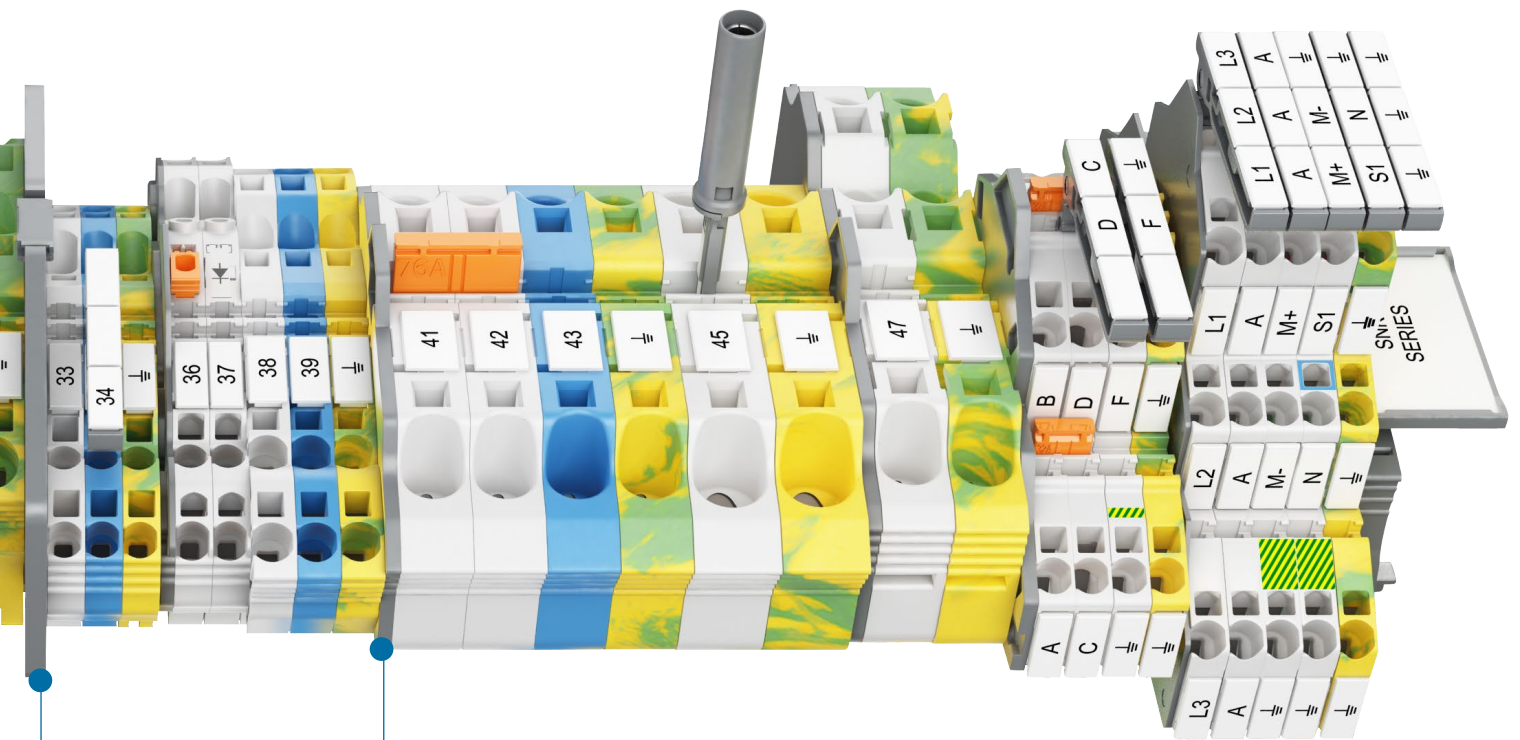
3x2



Connections

**Triple deck**

Feed-through  
Ground



**Two circuit  
separators**  
for the entire  
range

**End section**  
can be used  
as circuit separator

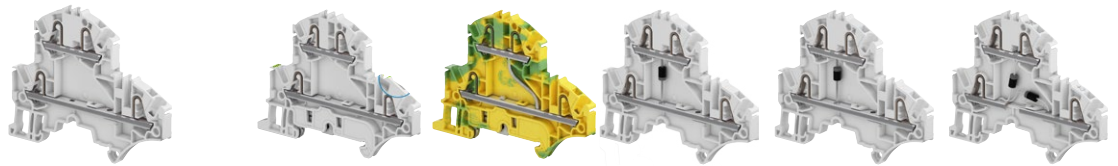
# SNK series, terminal blocks

## PI-Spring technology

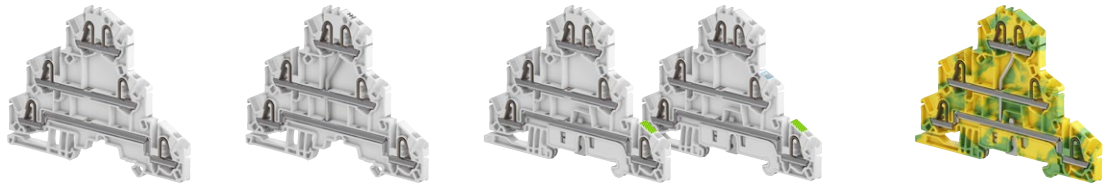


2

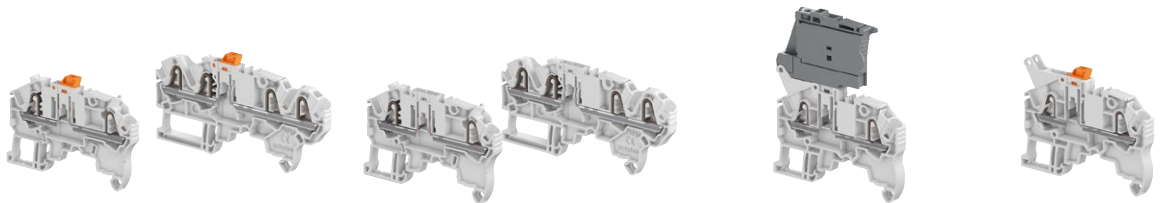
		Feed-through			Ground			Component holder	
Section									
2.5 mm <sup>2</sup>	12 AWG	ZK2.5	ZK2.5-3P	ZK2.5-4P	ZK2.5-PE	ZK2.5-PE-3P	ZK2.5-PE 4P	ZK2.5-CH-4P-LR	ZK2.5-CH-4P-RL
4 mm <sup>2</sup>	10 AWG	ZK4	ZK4-3P	ZK4-4P	ZK4-PE	ZK4-PE-3P	ZK4-PE- 4P	<b>[New]</b>	<b>[New]</b>
6 mm <sup>2</sup>	8 AWG	ZK6	ZK6-3P		ZK6-PE	ZK6-PE-3P			
10 mm <sup>2</sup>	6 AWG	ZK10	ZK10-3P		ZK10-PE	ZK10-PE-3P			
16 mm <sup>2</sup>	4 AWG	ZK16	ZK16-3P		ZK16-PE	ZK16-PE-3P			



		Feed-through			Ground		Component holder	
Section								
2.5 mm <sup>2</sup>	12 AWG	ZK2.5-D2	ZK2.5-D1	ZK2.5-D2-PE	ZK2.5-D1-PE	ZK2.5-D-CH-UD	ZK2.5-D-CH-DU	ZK2.5-D-CH2-DU-RL
						<b>[New]</b>	<b>[New]</b>	<b>[New]</b>



		Feed-through		Ground	
Section					
2.5 mm <sup>2</sup>	12 AWG	ZK2.5-T3	ZK2.5-T1	ZK2.5-L-L-PE ZK2.5-L-N-PE	ZK2.5-T1-PE

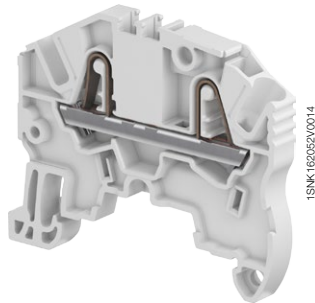


		With blade		With plug		For 5x20 mm fuses		Aligned with ZK2.5-SF
Section								
2.5 mm <sup>2</sup>	12 AWG	ZK2.5-S	<b>[New]</b> ZK2.5-S-4P	ZK2.5-SP	<b>[New]</b> ZK2.5-SP-4P	ZK2.5-SF	ZK2.5-SF-R1 ZK2.5-SF-R3	ZK2.5-S-R1

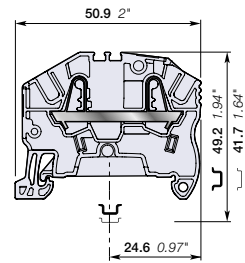
Clamp - 
 Channels for jumpering or testing - 
 Test socket - 
 Blown-fuse indicator

# ZK2.5 PI-Spring terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing



ZK2.5



5.2 mm 0.205 in spacing

### Description

Combine high performance with compact dimensions:

- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 connections	Grey	ZK2.5	1SNK705010R0000	50	5.50
	Blue	ZK2.5-BL	1SNK705020R0000	50	5.50
	Orange	ZK2.5-OR	1SNK705030R0000	50	5.50
	Yellow	ZK2.5-YL	1SNK705060R0000	50	5.50
	Green	ZK2.5-GN	1SNK705061R0000	50	5.50
	Red	ZK2.5-RD	1SNK705062R0000	50	5.50
	White	ZK2.5-WH	1SNK705065R0000	50	5.50
	Black	ZK2.5-BK	1SNK705066R0000	50	5.50

### Main technical data

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	
	Flexible	0.22 ... 2.5 mm <sup>2</sup>		
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	11 mm 0.433 in
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG	
Rated short-time withstand current (1s)		300 A	396 A	
Short Circuit Current Rating (with specific conditions)			100 kA	
Rated voltage		1000 V	600 V	
Impulse withstand voltage		8000 V		
Protection		IP20	NEMA 1	
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/C		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



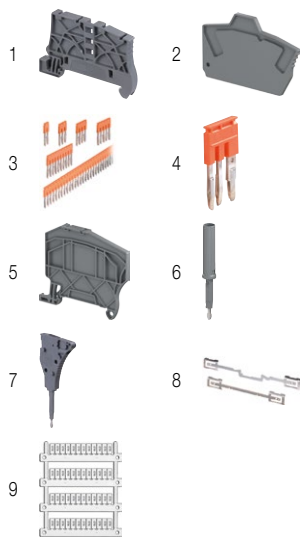
### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.80	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
		50 poles	JB5-50	1SNK905350R0000	10	36.00
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.80	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Shield connectors		SHBP	1SNK900601R0000	20	4.10	
9 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZK2.5-PE	1SNK705150R0000	20	10.00



Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK2.5-3P PI-Spring terminal blocks

Feed-through with 3 connections - 5.2 mm 0.205 in spacing



## Description

Find all the features of the ZK2.5 terminal block with the added option of distributing or branching 3 conductors.

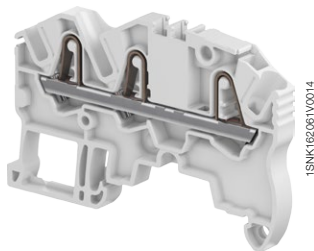
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 3 connections	Grey	ZK2.5-3P	1SNK705011R0000	50	7.40
	Blue	ZK2.5-3P-BL	1SNK705021R0000	50	7.40
	Orange	ZK2.5-3P-OR	1SNK705031R0000	50	7.40
	Yellow	ZK2.5-3P-YL	1SNK705067R0000	50	7.40
	Green	ZK2.5-3P-GN	1SNK705068R0000	50	7.40
	Red	ZK2.5-3P-RD	1SNK705069R0000	50	7.40
	White	ZK2.5-3P-WH	1SNK705072R0000	50	7.40
	Black	ZK2.5-3P-BK	1SNK705073R0000	50	7.40

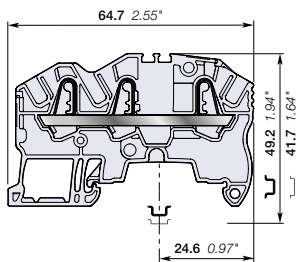
## Main technical data

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	11 mm
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG	
Rated short-time withstand current (1s)		300 A	396 A	
Short Circuit Current Rating (with specific conditions)			100 kA	
Rated voltage		1000 V	600 V	
Impulse withstand voltage		8000 V		
Protection		IP20	NEMA 1	
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIC/IIC		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK2.5-3P



5.2 mm 0.205 in spacing

## Mounting instructions

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	11 mm
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG	
Rated short-time withstand current (1s)		300 A	396 A	
Short Circuit Current Rating (with specific conditions)			100 kA	
Rated voltage		1000 V	600 V	
Impulse withstand voltage		8000 V		
Protection		IP20	NEMA 1	
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIC/IIC		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

## Ground PI-Spring terminal blocks

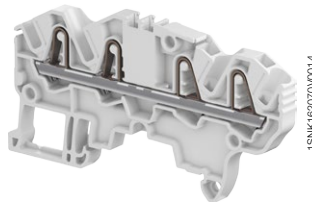
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZK2.5-PE-3P	1SNK705151R0000	20	11.90

Technical data valid for copper conductors only.

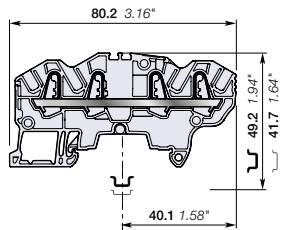


# ZK2.5-4P PI-Spring terminal blocks

Feed-through with 4 connections - 5.2 mm 0.205 in spacing



ZK2.5-4P



5.2 mm 0.205 in spacing

## Description

Find all the features of the ZK2.5 terminal block with the added option of distributing or branching 4 conductors.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 4 connections	Grey	ZK2.5-4P	1SNK705012R0000	50	9.00
	Blue	ZK2.5-4P-BL	1SNK705022R0000	50	9.00
	Orange	ZK2.5-4P-OR	1SNK705032R0000	50	9.00
	Yellow	ZK2.5-4P-YL	1SNK705074R0000	50	9.00
	Green	ZK2.5-4P-GN	1SNK705075R0000	50	9.00
	Red	ZK2.5-4P-RD	1SNK705076R0000	50	9.00
	White	ZK2.5-4P-WH	1SNK705079R0000	50	9.00
	Black	ZK2.5-4P-BK	1SNK705080R0000	50	9.00

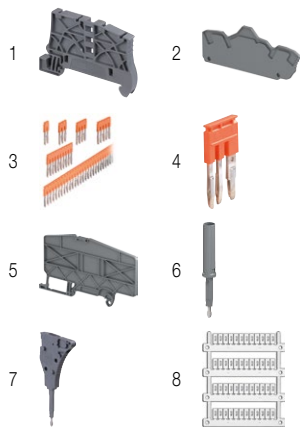
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG	Rail: TH 35-7.5, TH 35-15 Wire stripping length: 11 mm, 0.433 in Tool (for flexible conductor without ferrule): Flat screwdriver, Ø 3.5 mm, Ø 0.138 in
	Flexible	0.22 ... 2.5 mm²	26 ... 12 AWG	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG	
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG	
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG	
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG	
Rated short-time withstand current (1s)		300 A	396 A	
Short Circuit Current Rating (with specific conditions)			100 kA	
Rated voltage		1000 V	600 V	
Impulse withstand voltage		8000 V		
Protection		IP20	NEMA 1	
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories



Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.70	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
		50 poles	JB5-50	1SNK905350R0000	10	36.00
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Ground PI-Spring terminal blocks

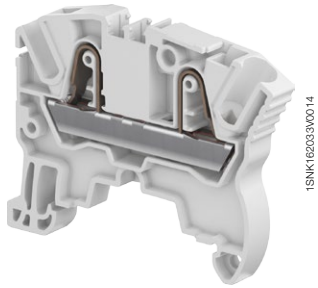
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZK2.5-PE-4P	1SNK705152R0000	20	13.60

Technical data valid for copper conductors only.

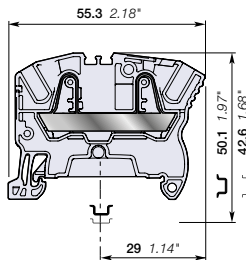
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# ZK4 PI-Spring terminal blocks

## Feed-through - 6 mm 0.236 in spacing



ZK4



6 mm 0.236 in spacing

### Description

Combine high performance with compact dimensions:

- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through 2 connections	Grey	ZK4	1SNK706010R0000	50	7.90
	Blue	ZK4-BL	1SNK706020R0000	50	7.90
	Orange	ZK4-OR	1SNK706030R0000	50	7.90
	Yellow	ZK4-YL	1SNK706060R0000	50	7.90
	Red	ZK4-RD	1SNK706062R0000	50	7.90
	Black	ZK4-BK	1SNK706066R0000	50	7.90

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG	Wire stripping length	12.5 mm 0.492 in
		0.5 ... 4 mm²	26 ... 12 AWG		
		0.5 ... 4 mm²	26 ... 12 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG		
Rated short-time withstand current (1s)		480 A	636 A		
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIC/IIC			

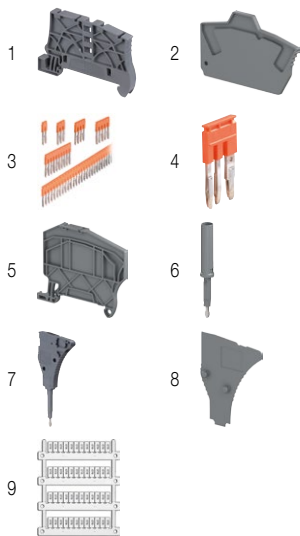
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.80	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.80	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
9 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



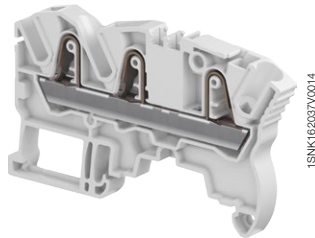
### Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Profile aligned with ZK4	Green-yellow	ZK4-PE	1SNK706150R0000	20	12.60

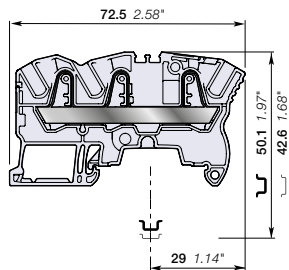
Technical data valid for copper conductors only.

# ZK4-3P PI-Spring terminal blocks

Feed-through with 3 connections - 6 mm 0.236 in spacing



ZK4-3P



6 mm 0.236 in spacing

## Description

Find all the features of the ZK4 terminal block with the added option of distributing or branching 3 conductors.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 3 connections	Grey	ZK4-3P	1SNK706011R0000	50	11.00
	Blue	ZK4-3P-BL	1SNK706021R0000	50	11.00
	Orange	ZK4-3P-OR	1SNK706031R0000	50	11.00

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule	0.5 ... 6 mm² 0.5 ... 4 mm² 0.5 ... 4 mm² 0.5 ... 4 mm²	26 ... 10 AWG 26 ... 12 AWG 26 ... 12 AWG
<b>2 conductors per clamp</b>	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG
<b>Rated current / Rated cross section</b>	32 A / 4 mm²	30 A / 10 AWG	
<b>Rated short-time withstand current (1s)</b>	480 A	636 A	
<b>Short Circuit Current Rating (with specific conditions)</b>		100 kA	
<b>Rated voltage</b>	1000 V	600 V	
<b>Impulse withstand voltage</b>	8000 V		
<b>Protection</b>	IP20	NEMA 1	
<b>Increased safety Ex e</b>	693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIc/IIIC		

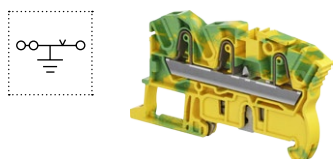
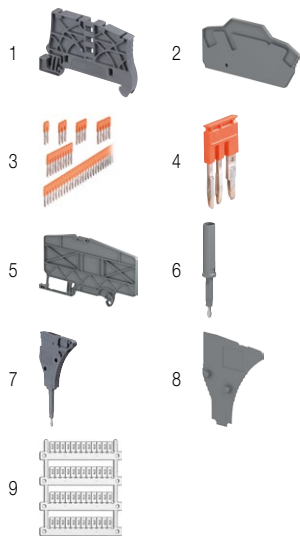
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
<b>1 End stops</b>	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
<b>2 End sections</b>	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40	
<b>3 Jumper bars</b>	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
<b>4 Cross spacing jumpers</b>	Orange	JB85-3	1SNK900603R0000	10	2.80	
<b>5 Circuit separators</b>	Dark grey	3 mm	CS-R3	1SNK900107R0000	20	6.40
		4 mm	CS-R4	1SNK900108R0000	20	6.40
<b>6 Test adapters</b>	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
<b>7 Test connectors</b>	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
<b>8 Spacers</b>	Dark grey	0.8 mm	ES-TC6	1SNK900105R0000	10	0.80
		0.031 in	ES-TC6	1SNK900105R0000	10	0.80
<b>9 Terminal block markers</b>	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
		Universal wire markers holder	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Ground</b>	Green-yellow	ZK4-PE-3P	1SNK706151R0000	20	15.70

Technical data valid for copper conductors only.

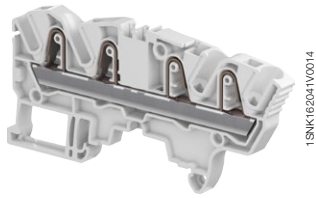
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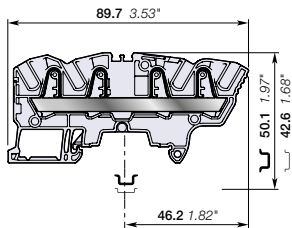
1SNK162027S0201

# ZK4-4P PI-Spring terminal blocks

Feed-through with 4 connections - 6 mm 0.236 in spacing



ZK4-4P



6 mm 0.236 in spacing

## Description

Find all the features of the ZK4 terminal block with the added option of distributing or branching 4 conductors.

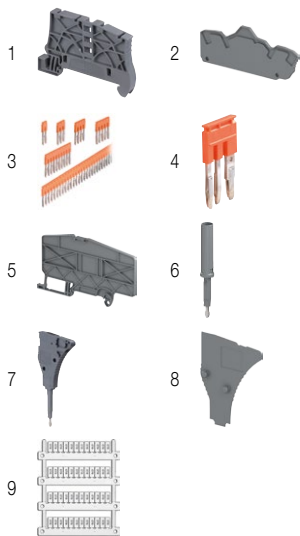
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 4 connections	Grey	ZK4-4P	1SNK706012R0000	50	13.80
	Blue	ZK4-4P-BL	1SNK706022R0000	50	13.80
	Orange	ZK4-4P-OR	1SNK706032R0000	50	13.80

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm <sup>2</sup>	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 4 mm <sup>2</sup>		Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG		
	with insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm <sup>2</sup>	26 ... 18 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG		
Rated short-time withstand current (1s)		480 A	636 A		
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2 5-4P	1SNK705912R0000	20	2.70	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
9 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



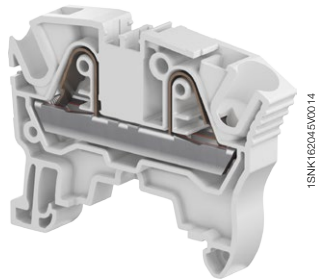
## Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZK4-PE-4P	1SNK706152R0000	20	18.40

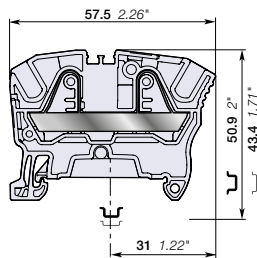
Technical data valid for copper conductors only.

# ZK6 PI-Spring terminal blocks

## Feed-through - 8 mm 0.315 in spacing



ZK6



8 mm 0.315 in spacing

### Description

Combine high performance with compact dimensions:

- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 connections	Grey	ZK6	1SNK708010R0000	50	11.80
	Blue	ZK6-BL	1SNK708020R0000	50	11.80
	Orange	ZK6-OR	1SNK708030R0000	50	11.80
	Yellow	ZK6-YL	1SNK708060R0000	50	11.80
	Red	ZK6-RD	1SNK708062R0000	50	11.80
	Black	ZK6-BK	1SNK708066R0000	50	11.80

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 6 mm <sup>2</sup>		Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		41 A / 6 mm <sup>2</sup>	50 A / 8 AWG		
Rated short-time withstand current (1s)		720 A	1008 A		
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/C			

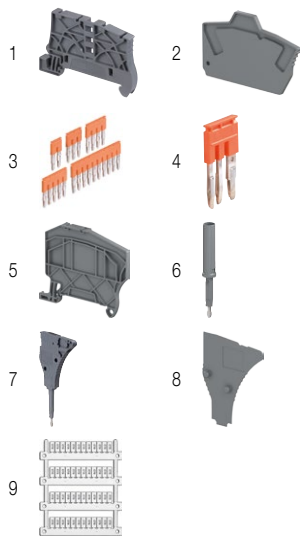
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.80	
3 Jumper bars	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.80	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
9 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1680	0.27	
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZK6-PE	1SNK708150R0000	20	20.30

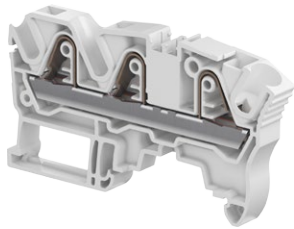
Technical data valid for copper conductors only.

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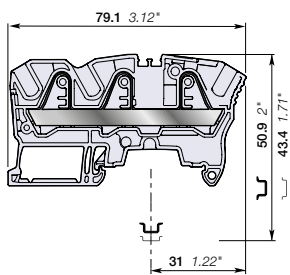


# ZK6-3P PI-Spring terminal blocks

Feed-through with 3 connections - 8 mm 0.315 in spacing



ZK6-3P



8 mm 0.315 in spacing

## Description

Find all the features of the ZK6 terminal block with the added option of distributing or branching 3 conductors.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 3 connections	Grey	ZK6-3P	1SNK708011R0000	50	16.70
	Blue	ZK6-3P-BL	1SNK708021R0000	50	16.70
	Orange	ZK6-3P-OR	1SNK708031R0000	50	16.70

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	12.5 mm 0.492 in
	Flexible with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		41 A / 6 mm <sup>2</sup>	50 A / 8 AWG		
Rated short-time withstand current (1s)		720 A	1008 A		
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/C			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK6-3P	1SNK708911R0000	20	2.80	
3 Jumper bars	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
		MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
		MC812	1SNK160000R0000	22	10.00	
9 Terminal block markers	White	Blank card	MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

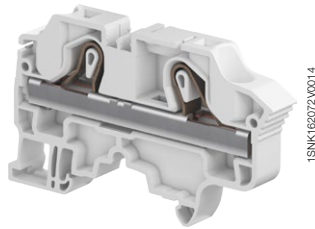
## Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZK6-PE-3P	1SNK708151R0000	20	21.50

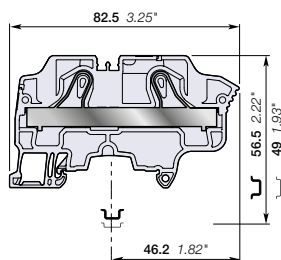
Technical data valid for copper conductors only.

# ZK10 PI-Spring terminal blocks

## Feed-through - 10 mm 0.394 in spacing



ZK10



10 mm 0.394 in spacing

### Description

Combine high performance with compact dimensions:

- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 connections	Grey <input type="checkbox"/>	ZK10	1SNK710010R0000	20	27.20
	Blue <input type="checkbox"/>	ZK10-BL	1SNK710020R0000	20	27.20
	Orange <input type="checkbox"/>	ZK10-OR	1SNK710030R0000	20	27.20

### Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG
	Flexible	0.5 ... 10 mm <sup>2</sup>	20 ... 6 AWG
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG
	with insulated ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG
Rated current / Rated cross section		57 A / 10 mm <sup>2</sup>	55 A / 6 AWG
Rated short-time withstand current (1s)		1200 A	1596 A
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		693 V 51 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III C	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

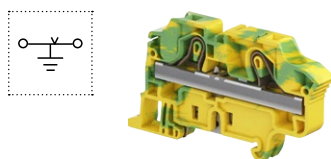


### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input type="checkbox"/>	EK10	1SNK710910R0000	20	3.30	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB10-2	1SNK910302R0000	50	4.60
		3 poles	JB10-3	1SNK910303R0000	50	7.10
		4 poles	JB10-4	1SNK910304R0000	40	9.40
		5 poles	JB10-5	1SNK910305R0000	30	12.00
		10 poles	JB10-10	1SNK910310R0000	20	24.00
4 Circuit separators	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZK10-PE	1SNK710150R0000	20	36.20

Technical data valid for copper conductors only.

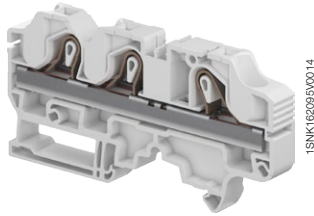
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# ZK10-3P PI-Spring terminal blocks

Feed-through with 3 connections - 10 mm 0.394 in spacing

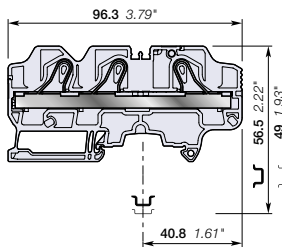


10 mm<sup>2</sup>  
6 AWG



1SNK162061S02014

ZK10-3P



10 mm 0.394 in spacing

## Description

- Find all the features of the ZK10 terminal block with the added option of distributing or branching 3 conductors,
- ZK10-3P is perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC, 1000 V UL.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 3 connections	Grey <input type="checkbox"/>	ZK10-3P	1SNK710011R0000	20	34.9
	Blue <input type="checkbox"/>	ZK10-3P-BL	1SNK710021R0000	20	34.9

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG	Wire stripping length	15 mm 0.591 in
	Flexible with insulated ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG		
	2 conductors per clamp	Flexible with twin ferrule	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Tool (for flexible conductor without ferrule)
Rated current / Rated cross section		57 A / 10 mm <sup>2</sup>	56 A / 6 AWG		
Rated short-time withstand current (1s)		1200 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	1000 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 57 A - IM2 II 2 GD Ex eb I/II/III C			

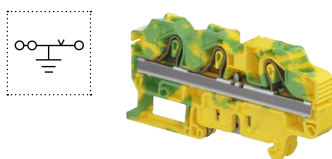
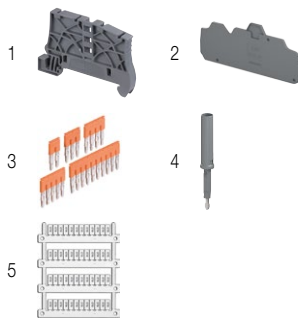
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input type="checkbox"/>	EK10-3P	1SNK710911R0000	20	4.5	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB10-2	1SNK910302R0000	50	4.60
		3 poles	JB10-3	1SNK910303R0000	50	7.10
		4 poles	JB10-4	1SNK910304R0000	40	9.40
		5 poles	JB10-5	1SNK910305R0000	30	12.00
		10 poles	JB10-10	1SNK910310R0000	20	24.00
4 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



## Ground PI-Spring terminal blocks

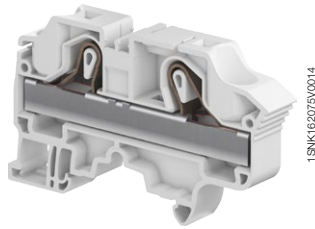
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZK10-PE-3P	1SNK710151R0000	20	43.3

Technical data valid for copper conductors only.

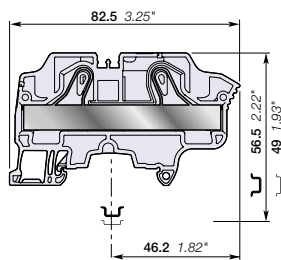


# ZK16 PI-Spring terminal blocks

## Feed-through - 12 mm 0.472 in spacing



ZK16



12 mm 0.472 in spacing

### Description

Combine high performance with compact dimensions:

- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

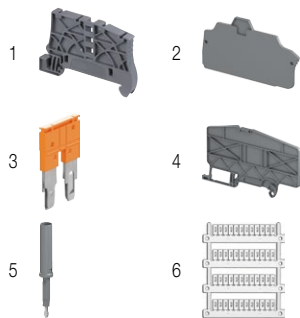
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 connections	Grey <input type="checkbox"/>	ZK16	1SNK712010R0000	20	33.80
	Blue <input type="checkbox"/>	ZK16-BL	1SNK712020R0000	20	33.80

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm <sup>2</sup>	20 ... 4 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG	Wire stripping length	15 mm 0.591 in
	with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG		
with insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG			
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 6 mm <sup>2</sup>	20 ... 10 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		76 A / 16 mm <sup>2</sup>	75 A / 4 AWG		
Rated short-time withstand current (1s)		1920 A	2544 A		
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III/C			

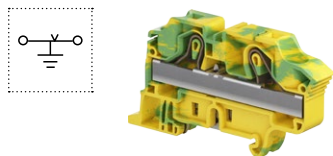
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input type="checkbox"/>	EK10	1SNK710910R0000	20	3.30	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB12-2	1SNK912302R0000	50	4.90
		3 poles	JB12-3	1SNK912303R0000	50	7.60
		5 poles	JB12-5	1SNK912305R0000	20	12.90
4 Circuit separators	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
		Universal wire markers holder	UMH	1SNK169999R0000	20	14.00
	Grey <input type="checkbox"/>			10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZK16-PE	1SNK712150R0000	20	47.00

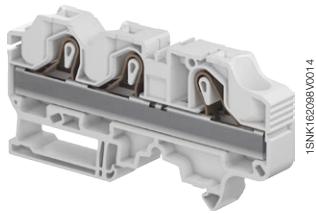
Technical data valid for copper conductors only.



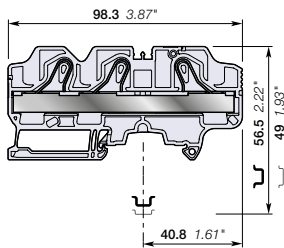
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK16-3P PI-Spring terminal blocks

Feed-through with 3 connections - 12 mm 0.472 in spacing



ZK16-3P



12 mm 0.472 in spacing

## Description

- Find all the features of the ZK16 terminal block with the added option of distributing or branching 3 conductors,
- ZK16-3P is perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC, 1000 V UL.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 3 connections	Grey <input type="checkbox"/>	ZK16-3P	1SNK712011R0000	20	44.3
	Blue <input type="checkbox"/>	ZK16-3P-BL	1SNK712021R0000	20	44.3

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm <sup>2</sup>	20 ... 4 AWG
	Flexible with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG
	Flexible with insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 6 mm <sup>2</sup>	20 ... 10 AWG
Rated current / Rated cross section		76 A / 16 mm <sup>2</sup>	75 A / 4 AWG
Rated short-time withstand current (1s)		1920 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	1000 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		693 V 76 A - IM2 II 2 GD Ex eb I/II/III/C	

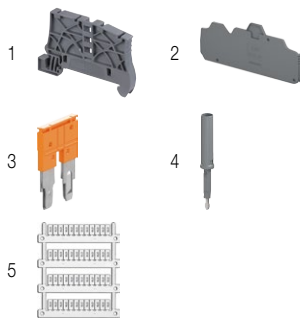
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

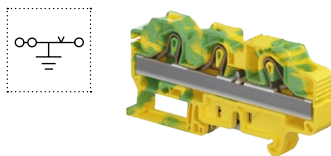
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input type="checkbox"/>	EK10-3P	1SNK710911R0000	20	4.5	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB12-2	1SNK912302R0000	50	4.90
		3 poles	JB12-3	1SNK912303R0000	50	7.60
		5 poles	JB12-5	1SNK912305R0000	20	12.90
4 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZK16-PE-3P	1SNK712151R0000	20	56.65



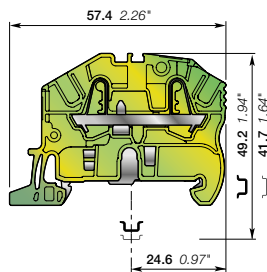
Technical data valid for copper conductors only.

# ZK2.5-PE PI-Spring terminal blocks

Ground - 5.2 mm 0.205 in spacing



ZK2.5-PE



5.2 mm 0.205 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5.

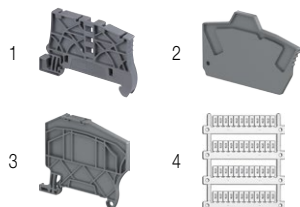
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 2 connections	Green-yellow	ZK2.5-PE	1SNK705150R0000	20	10.00

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	TH 35-7.5, TH 35-15
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	11 mm 0.433 in
				Tool (for flexible conductor without ferrule)
				Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated cross section		2.5 mm <sup>2</sup>	12 AWG	
Rated short-time withstand current (1s)		300 A	396 A	
Protection		IP20	NEMA 1	
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.80
3 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.80
4 Terminal block markers	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZK2.5-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 5.2 mm 0.205 in spacing



## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-3P.

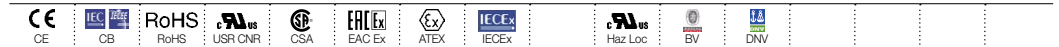
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Ground 3 connections	Green-yellow	ZK2.5-PE-3P	1SNK705151R0000	20	11.90

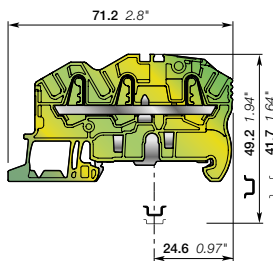
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		0.433 in
with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated cross section	2.5 mm <sup>2</sup>	12 AWG			
Rated short-time withstand current (1s)	300 A	396 A			
Protection	IP20	NEMA 1			
Explosive atmosphere classification	IM2 II 2 GD Ex eb I/II C - Class I, Zone 1, AEx e II, Ex e II U				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK2.5-PE-3P

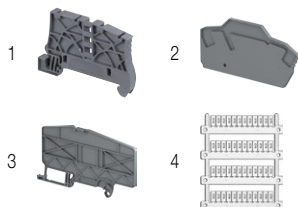


5.2 mm 0.205 in spacing

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4 Terminal block markers	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



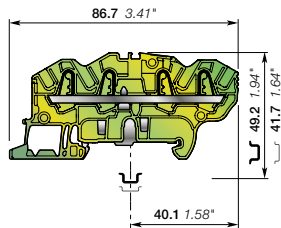
Technical data valid for copper conductors only.

# ZK2.5-PE-4P PI-Spring terminal blocks

Ground with 4 connections - 5.2 mm 0.205 in spacing



ZK2.5-PE-4P



5.2 mm 0.205 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-4P.

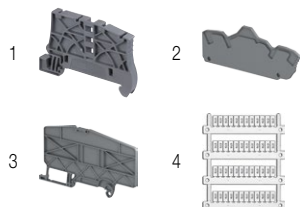
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 4 connections	Green-yellow	ZK2.5-PE-4P	1SNK705152R0000	20	13.60

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		Tool (for flexible conductor without ferrule)
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
Rated cross section		2.5 mm <sup>2</sup>	12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.70
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4 Terminal block markers	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

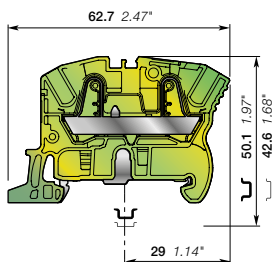
# ZK4-PE PI-Spring terminal blocks

Ground - 6 mm 0.236 in spacing



1SNK162042S0201

ZK4-PE



6 mm 0.236 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK4.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Ground 2 connections	Green-yellow	ZK4-PE	1SNK706150R0000	20	12.60

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm <sup>2</sup>	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG		Tool (for flexible conductor without ferrule)
with insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG			
<b>Rated cross section</b>	4 mm <sup>2</sup>	10 AWG			
<b>Rated short-time withstand current (1s)</b>	480 A	636 A			
<b>Protection</b>	IP20	NEMA 1			
<b>Explosive atmosphere classification</b>	IM2 II 2 GD Ex eb I/IC/IIC - Class I, Zone 1, AEx e II, Ex e II U				

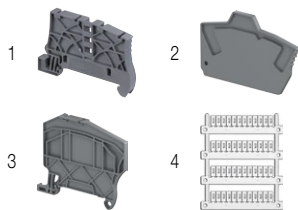
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.80
3 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.80
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



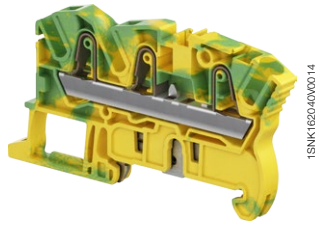
Technical data valid for copper conductors only.

# ZK4-PE-3P PI-Spring terminal blocks

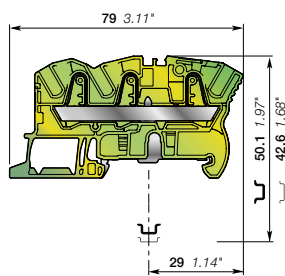
Ground with 3 connections - 6 mm 0.236 in spacing



4 mm<sup>2</sup>  
10 AWG



ZK4-PE-3P



6 mm 0.236 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK4-3P.

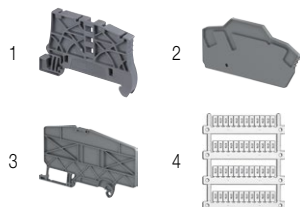
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 3 connections	Green-yellow	ZK4-PE-3P	1SNK706151R0000	20	15.70

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm <sup>2</sup>	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG		Tool (for flexible conductor without ferrule)
	with insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG		
Rated cross section		4 mm <sup>2</sup>	10 AWG		
Rated short-time withstand current (1s)		480 A	636 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

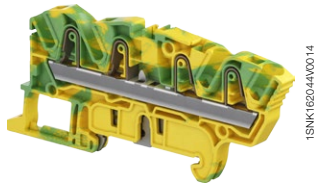
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

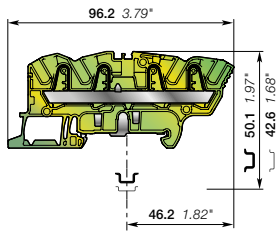
Technical data valid for copper conductors only.

# ZK4-PE-4P PI-Spring terminal blocks

Ground with 4 connections - 6 mm 0.236 in spacing



ZK4-PE-4P



6 mm 0.236 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK4-4P.

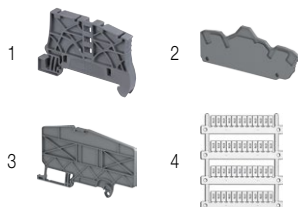
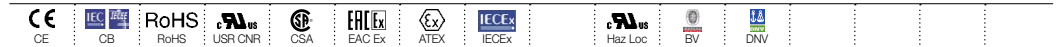
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 4 connections	Green-yellow	ZK4-PE-4P	1SNK706152R0000	20	18.40

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm <sup>2</sup>	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
with insulated ferrule	0.5 ... 4 mm <sup>2</sup>	26 ... 12 AWG			
<b>Rated cross section</b>		4 mm <sup>2</sup>	10 AWG		
<b>Rated short-time withstand current (1s)</b>		480 A	636 A		
<b>Protection</b>		IP20	NEMA 1		
<b>Explosive atmosphere classification</b>		IM2 II 2 GD Ex eb I/IC/IIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.70
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.



# ZK6-PE PI-Spring terminal blocks

Ground - 8 mm 0.315 in spacing

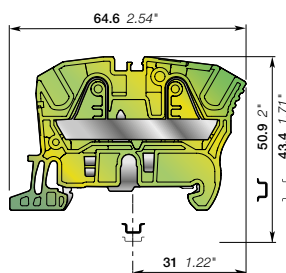


6 mm<sup>2</sup>  
8 AWG



1SNK1620450201

ZK6-PE



8 mm 0.315 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK6.

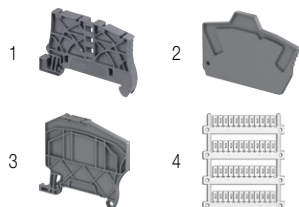
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 2 connections	Green-yellow	ZK6-PE	1SNK708150R0000	20	20.30

## Main technical data

Connecting capacity		IEC	UL - CSA	Rail	Wire stripping length	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG		12.5 mm 0.492 in	
	Flexible	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG			
	with non insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG			
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG			
Rated cross section		6 mm <sup>2</sup>	8 AWG	Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated short-time withstand current (1s)		720 A	1008 A			
Protection		IP20	NEMA 1			
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.80
3 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.80
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.



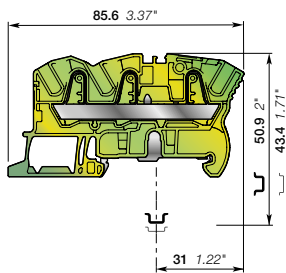
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK6-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 8 mm 0.315 in spacing



ZK6-PE-3P



8 mm 0.315 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK6-3P.

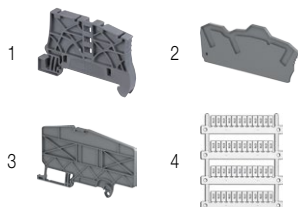
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground 3 connections	Green-yellow	ZK6-PE-3P	1SNK708151R0000	20	21.50

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 6 mm <sup>2</sup>	24 ... 8 AWG	Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		Tool (for flexible conductor without ferrule)
with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG	24 ... 10 AWG		
Rated cross section		6 mm <sup>2</sup>	8 AWG		
Rated short-time withstand current (1s)		720 A	1008 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK6-3P	1SNK708911R0000	20	2.80
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZK10-PE PI-Spring terminal blocks

## Ground - 10 mm 0.394 in spacing

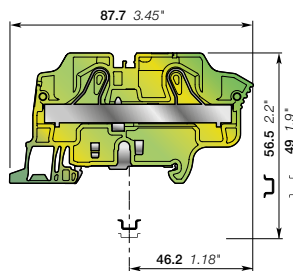


10 mm<sup>2</sup>  
6 AWG



1SNK162047S0201

ZK10-PE



10 mm 0.394 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK10.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 2 connections	Green-yellow	ZK10-PE	1SNK710150R0000	20	36.20

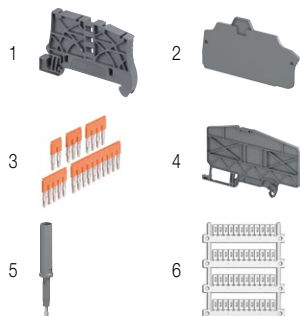
### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions				
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG	Rail		TH 35-7.5, TH 35-15		
	Flexible	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG			Wire stripping length		15 mm 0.591 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG					Tool (for flexible conductor without ferrule)
	with insulated ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG					
Rated cross section		10 mm <sup>2</sup>	6 AWG					
Rated short-time withstand current (1s)		1200 A	1596 A					
Protection		IP20	NEMA 1					
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U						

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories



Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK10	1SNK710910R0000	20	3.30
3 Jumper bars	Orange	JB10-2	1SNK910302R0000	50	4.60
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
6 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.



The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK10-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 10 mm 0.394 in spacing



## Description

- Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
  - Performances above the requirements of the IEC 60947-7-2 standard,
  - Secured snap on or off the rail,
  - Profile aligned with ZK10-3P.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground 3 connections	Green-yellow	ZK10-PE-3P	1SNK710151R0000	20	43.3

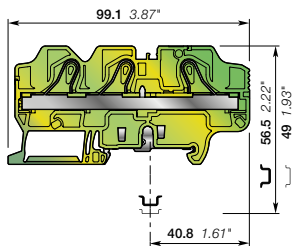
## Main technical data

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7,5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	20 ... 6 AWG	15 mm
	Flexible with non insulated ferrule	0.5 ... 10 mm²	20 ... 8 AWG	0.591 in
	Flexible with insulated ferrule	0.5 ... 10 mm²	20 ... 8 AWG	
<b>Rated cross section</b>	10 mm²	6 AWG		
<b>Rated short-time withstand current (1s)</b>	1200 A	1596 A		
<b>Protection</b>	IP20	NEMA 1		
<b>Explosive atmosphere classification</b>	IM2 II 2 GD Ex eb I/II/III C			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK10-PE-3P

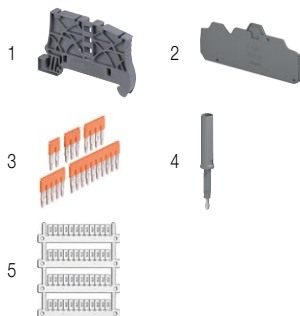


10 mm 0.394 in spacing

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK10-3P	1SNK710911R0000	20	4.5
3 Jumper bars	Orange	JB10-2	1SNK910302R0000	50	4.60
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
5 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



Technical data valid for copper conductors only.

# ZK16-PE PI-Spring terminal blocks

Ground - 12 mm 0.472 in spacing

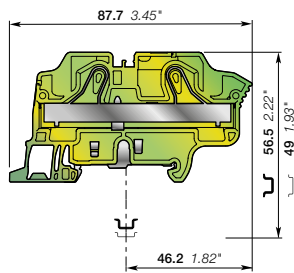


16 mm<sup>2</sup>  
4 AWG



1SNK16208AV0014

ZK16-PE



12 mm 0.472 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK16.

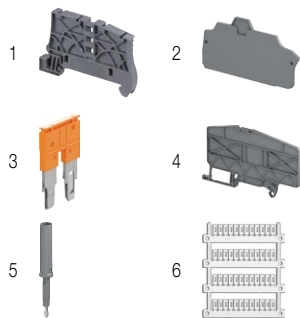
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 2 connections	Green-yellow	ZK16-PE	1SNK712150R0000	20	47.00

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm <sup>2</sup>	20 ... 4 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 16 mm <sup>2</sup>	20 ... 4 AWG	Wire stripping length	15 mm 0.591 in
	with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG		
	with insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		16 mm <sup>2</sup>	4 AWG		
Rated short-time withstand current (1s)		1920 A	2544 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK10	1SNK710910R0000	20	3.30
3 Jumper bars	Orange	JB12-2	1SNK912302R0000	50	4.90
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
6 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.



The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK16-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 12 mm 0.472 in spacing



## Description

- Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
  - Performances above the requirements of the IEC 60947-7-2 standard,
  - Secured snap on or off the rail,
  - Profile aligned with ZK16-3P.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Ground 3 connections	Green-yellow	ZK16-PE-3P	1SNK712151R0000	20	56.65

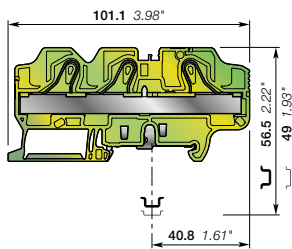
## Main technical data

Connecting capacity	IEC	UL - CSA	Rail	Wire stripping length	Tool (for flexible conductor without ferrule)
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm <sup>2</sup>	20 ... 4 AWG	15 mm 0.591 in	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG		
	Flexible with insulated ferrule	0.5 ... 16 mm <sup>2</sup>	20 ... 6 AWG		
<b>Rated cross section</b>	16 mm <sup>2</sup>	4 AWG			
<b>Rated short-time withstand current (1s)</b>	1920 A	2544 A			
<b>Protection</b>	IP20	NEMA 1			
<b>Explosive atmosphere classification</b>	IM2 II 2 GD Ex eb I/II/III C				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK16-PE-3P



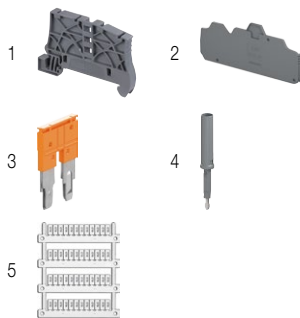
12 mm 0.472 in spacing

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EK10-3P	1SNK710911R0000	20	4.5
3 Jumper bars	Orange	JB12-2	1SNK912302R0000	50	4.90
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
5 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000

Complete list of accessories is indicated in the terminal block datasheet including end stops.

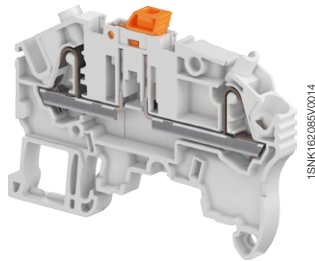
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



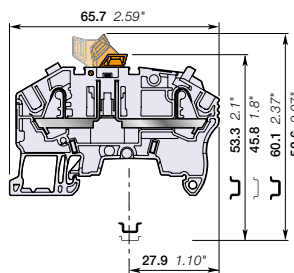
Technical data valid for copper conductors only.

# ZK2.5-S PI-Spring terminal blocks

Disconnect with blade - with test sockets - 5.2 mm 0.205 in spacing



ZK2.5-S



5.2 mm 0.205 in spacing

## Description

Combine high performance with compact dimensions: 630 V IEC 300 V UL.

Secure the current measurement:

- for currents below 50 mA, thanks to 2 built in test points DIA 2 mm 0.079 in,
- for currents up to 16 A, by using the TP4 test adapter inserted into the jumper channels.

## Ordering details

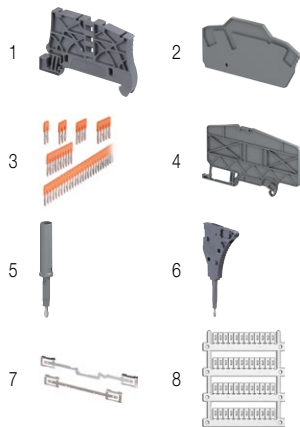
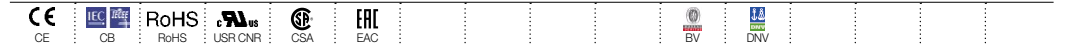
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect with 2 test sockets DIA 2 mm 0.079 in	Grey	ZK2.5-S	1SNK705310R0000	50	8.10
	Blue	ZK2.5-S-BL	1SNK705320R0000	50	8.10
	Orange	ZK2.5-S-OR	1SNK705330R0000	50	8.10

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm²	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG		
2 conductors per clamp	with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		20 A / 2.5 mm²	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40	
3 Jumper bars	Orange	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
		50 poles 32 A (IEC)	JB5-50	1SNK905350R0000	10	36.00
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
7 Shield connectors		SHBP	1SNK900601R0000	20	4.10	
8 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1960	0.23	
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

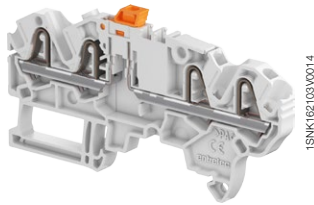
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

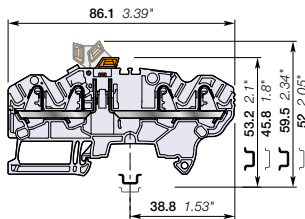
Technical data valid for copper conductors only.

# ZK2.5-S-4P PI-Spring terminal blocks

Disconnect with blade - with test socket - 5.2 mm 0.205 in spacing



ZK2.5-S-4P



5.2 mm 0.205 in spacing

## Description

- Combine high performances with compact dimensions: 630 V IEC 300 V UL,
- Simplify the measurement with 1 built in test point DIA 2 mm 0.079 in (for current below 50mA) and TP... test adapter inserted into one jumper channel,
- Clear marking visibility with SNK top marking location 20% enlarged.

## Ordering details

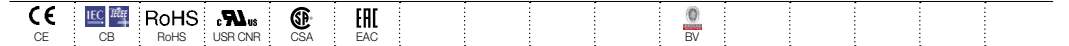
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect with 1 test socket DIA 2 mm 0.079 in	Grey	ZK2.5-S-4P	1SNK705312R0000	50	11.14
	Blue	ZK2.5-S-4P-BL	1SNK705321R0000	50	11.14
	Orange	ZK2.5-S-4P-OR	1SNK705331R0000	50	11.14

## Main technical data

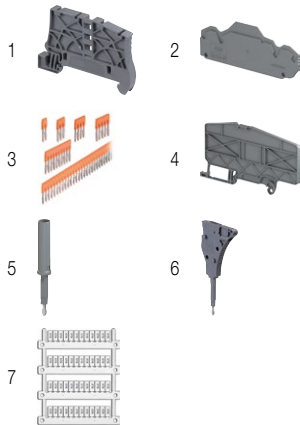
Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm²		Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG		
Rated current / Rated cross section		20 A / 2.5 mm²	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories



Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5-S-4P	1SNK705913R0000	20	2.94	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
		50 poles	JB5-50	1SNK905350R0000	10	36.00
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
		Blank marker	White	MG-CPM 13 41790	1SNB041790R0512	1960
7 Terminal block markers	Grey	Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

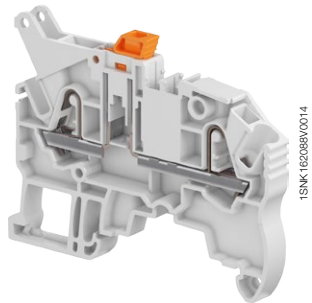
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

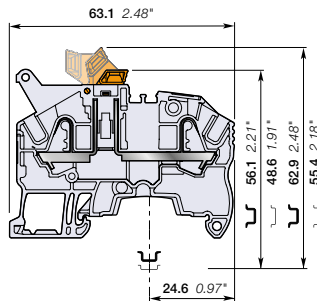


# ZK2.5-S-R1 PI-Spring terminal blocks

## Disconnect with blade - 6 mm 0.236 in spacing



ZK2.5-S-R1



6 mm 0.236 in spacing

### Description

Simplify the distribution of circuits in marshalling cabinets thanks to our disconnect terminal blocks with the same profile as ZK2.5-SF fuse.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZK2.5-SF	Grey <input type="checkbox"/>	ZK2.5-S-R1	1SNK706310R0000	50	8.90

### Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule	0.2 ... 4 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup>	26 ... 12 AWG 26 ... 14 AWG 26 ... 14 AWG 26 ... 14 AWG
<b>2 conductors per clamp</b>	with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG
<b>Rated current / Rated cross section</b>	20 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG	
<b>Rated short-time withstand current (1s)</b>	300 A	396 A	
<b>Rated voltage</b>	630 V	300 V	
<b>Impulse withstand voltage</b>	6000 V		
<b>Protection</b>	IP20	NEMA 1	

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



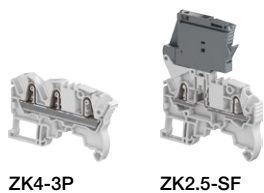
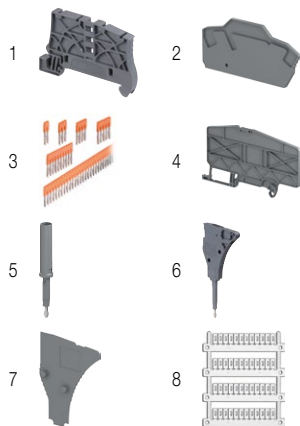
### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>1 End stops</b>	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30
<b>2 End sections</b>	Dark grey <input type="checkbox"/>	EK2.5-3P	1SNK705911R0000	20	2.40
<b>3 Jumper bars</b>	Orange <input type="checkbox"/>	JB6-2 JB6-3 JB6-4 JB6-5 JB6-10 JB6-50	1SNK906302R0000 1SNK906303R0000 1SNK906304R0000 1SNK906305R0000 1SNK906310R0000 1SNK906350R0000	50 50 50 50 20 10	1.30 2.10 2.90 3.60 7.40 38.10
<b>4 Circuit separators</b>	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40
<b>5 Test adapters</b>	Dark grey <input type="checkbox"/>	TP2 TP4	1SNK900203R0000 1SNK900205R0000	20 20	1.70 2.40
<b>6 Test connectors</b>	Dark grey <input type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20
<b>7 Spacers</b>	Dark grey <input type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80
<b>8 Terminal block markers</b>	White <input type="checkbox"/>	MG-CPM 13 41791 MC612 MC612PA Universal wire markers holder	1SNB041791R0612 1SNK150000R0000 1SNK159999R0000 1SNK900611R0000	1680 22 20 10	0.27 10.00 11.00 0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

### PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Feed-through</b>	Grey <input type="checkbox"/>	ZK4-3P	1SNK706011R0000	50	11.00
<b>Fuse</b>	Grey, dark grey <input type="checkbox"/>	ZK2.5-SF	1SNK706410R0000	50	16.20

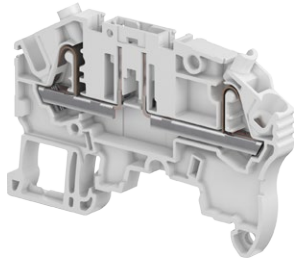


Technical data valid for copper conductors only.

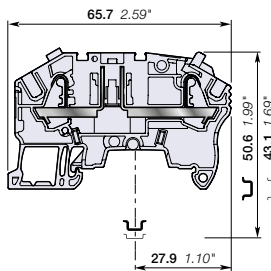
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK2.5-SP PI-Spring terminal blocks

Disconnect with plug - with test sockets - 5.2 mm 0.205 in spacing



ZK2.5-SP



5.2 mm 0.205 in spacing

## Description

The flexible solution for fitting the component of your choice in series with our quick-fitting PG5 component holder plug:  
 – compatible with components of 8.8 x 3.2 mm 0.346 x 0.125 in, such as resistors, diodes or mini axial fuses.

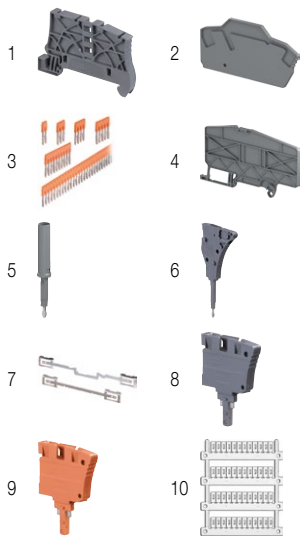
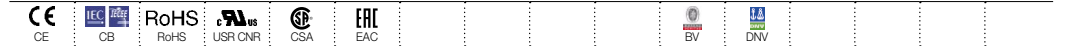
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect with 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	ZK2.5-SP	1SNK705311R0000	50	11.50

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG			
2 conductors per clamp	with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG		
Rated current / Rated cross section		17 A / 2.5 mm <sup>2</sup>	18 A / 12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

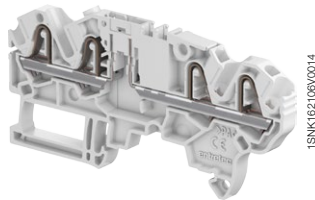
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input type="checkbox"/>	EK2.5-3P	1SNK705911R0000	20	2.40	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
50 poles	JB5-50	1SNK905350R0000	10	36.00		
4 Circuit separators	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey <input type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
7 Shield connectors		SHBP	1SNK900601R0000	20	4.10	
8 Component plugs	Dark grey <input type="checkbox"/>	PG5	1SNK900401R0000	20	3.50	
9 Disconnect plugs	Orange <input type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50	
10 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
		Universal wire markers holder	UMH	1SNK149999R0000	20	10.00
	Grey <input type="checkbox"/>		1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

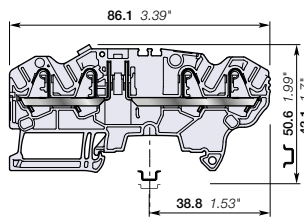
Technical data valid for copper conductors only.

# ZK2.5-SP-4P PI-Spring terminal blocks

Disconnect with plug - with test socket - 5.2 mm 0.205 in spacing



ZK2.5-SP-4P



5.2 mm 0.205 in spacing

## Description

The flexible solution for fitting the component of your choice in series with our quick-fitting PG5 component holder plug:

- compatible with components of 8.8 x 3.2 mm 0.346 x 0.125 in, such as resistors, diodes or mini axial fuses.

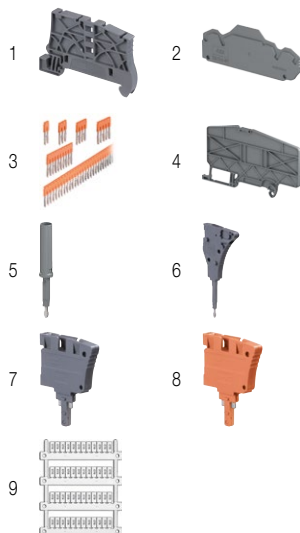
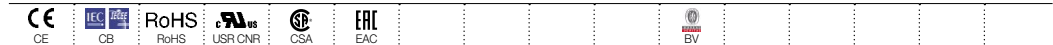
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect with 1 test socket DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	ZK2.5-SP-4P	1SNK705313R0000	50	10.67

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		17 A / 2.5 mm <sup>2</sup>	18 A / 12 AWG		
Rated short-time withstand current (1s)		300 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input type="checkbox"/>	EK2.5-S-4P	1SNK705913R0000	20	2.94	
3 Jumper bars	Orange <input type="checkbox"/>	JB5-2	1SNK905302R0000	50	1.30	
		JB5-3	1SNK905303R0000	50	2.00	
		JB5-4	1SNK905304R0000	50	2.70	
		JB5-5	1SNK905305R0000	50	3.50	
		JB5-10	1SNK905310R0000	30	7.10	
		JB5-50	1SNK905350R0000	10	36.00	
4 Circuit separators	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey <input type="checkbox"/>	TP2	1SNK900203R0000	20	1.70	
	Dark grey <input type="checkbox"/>	TP4	1SNK900205R0000	20	2.40	
6 Test connectors	Dark grey <input type="checkbox"/>	TC5	1SNK900200R0000	10	5.20	
		TC5-R1	1SNK900201R0000	10	5.20	
7 Component plugs	Dark grey <input type="checkbox"/>	PG5	1SNK900401R0000	20	3.50	
8 Disconnect plugs	Orange <input type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50	
9 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
		MC512	1SNK140000R0000	22	9.00	
		MC512PA	1SNK149999R0000	20	10.00	
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

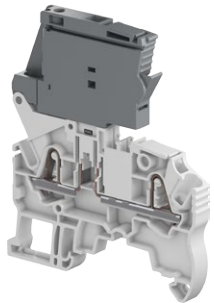
Technical data valid for copper conductors only.



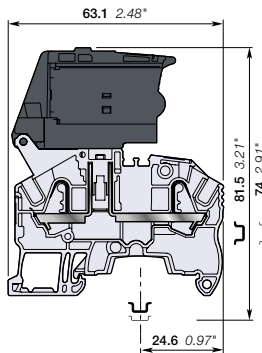
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK2.5-SF PI-Spring terminal blocks

For 5x20 fuses - 6 mm 0.236 in spacing



ZK2.5-SF



6 mm 0.236 in spacing

## Description

Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),

- Simplify the distribution thanks to the 2 jumper channels aligned with ZK4-3P feed-through and ZK2.5-S-R1 disconnect terminal blocks.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey	ZK2.5-SF	1SNK706410R0000	50	16.20

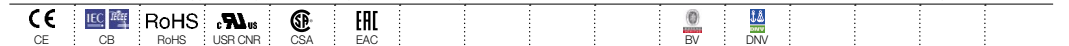
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
2 conductors per clamp	with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG		
Rated current / Rated cross section		6.3 A / 2.5 mm <sup>2</sup>	16 A / 12 AWG		
Rated short-time withstand current (1s)			396 A		
Rated voltage		500 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The fuse holder must be first disconnected prior to any fuse replacement. Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	1.6 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

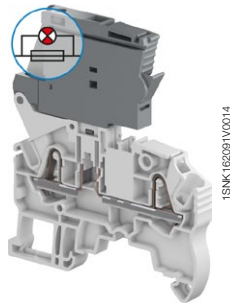
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2 5-3P	1SNK705911R0000	20	2.40	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
7 Spacers	Dark grey	0.8 mm	ES-TC6	1SNK900105R0000	10	0.80
		Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
8 Terminal block markers	White	Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

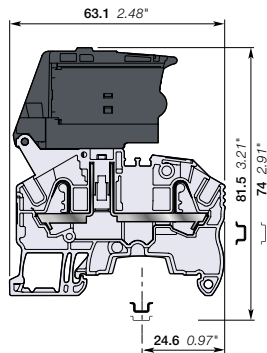
Technical data valid for copper conductors only.

# ZK2.5-SF-R PI-Spring terminal blocks

For 5x20 fuses - with blown fuse indicator - 6 mm 0.236 in spacing



ZK2.5-SF-R



6 mm 0.236 in spacing

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the 2 jumper channels aligned with ZK4-3P feed-through and ZK2.5-S-R1 disconnect terminal blocks,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse with blown fuse indicator 24 ... 110 V AC / DC	Grey, dark grey	ZK2.5-SF-R1	1SNK706411R0000	50	16.30
with blown fuse indicator 115 ... 250 V AC / DC		ZK2.5-SF-R3	1SNK706412R0000	50	16.30

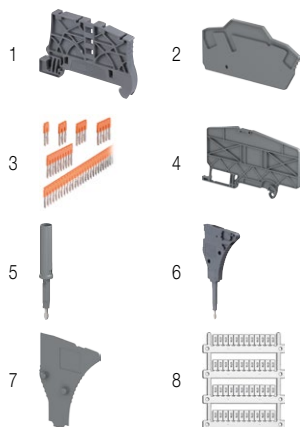
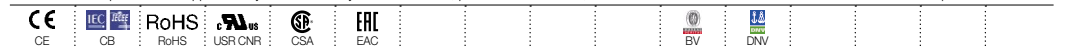
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>		Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
2 conductors per clamp	with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		6.3 A / 2.5 mm <sup>2</sup>	16 A / 12 AWG		
Rated short-time withstand current (1s)			396 A		
Rated voltage		500 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The fuse holder must be first disconnected prior any fuse replacement. Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement	Compound arrangement	Protection	Power
		Overload and short-circuit protection	2.5 W
		Exclusive short-circuit protection	4 W
		Overload and short-circuit protection	1.6 W
		Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

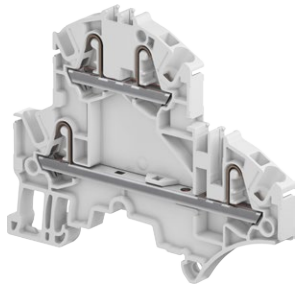
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70	
		TP4	1SNK900205R0000	20	2.40	
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
8 Terminal block markers		MC612	1SNK150000R0000	22	10.00	
		MC612PA	1SNK159999R0000	20	11.00	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

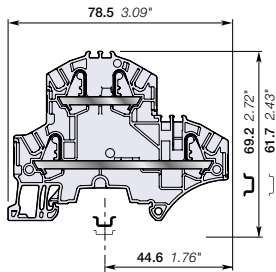
Technical data valid for copper conductors only.

# ZK2.5-D2 PI-Spring terminal blocks

Double deck with 2 feed-through circuits - 5.2 mm 0.205 in spacing



ZK2.5-D2



5.2 mm 0.205 in spacing

## Description

Combine high performance with compact dimensions:

- 800 V IEC 600 V UL,
- 2 jumper channels and a large input and output marker zone on each deck.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 feed-through circuits	Grey <input type="checkbox"/>	ZK2.5-D2	1SNK705210R0000	50	11.20
	Blue <input type="checkbox"/>	ZK2.5-D2-BL	1SNK705220R0000	50	11.20

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	26 ... 12 AWG	Rail  TH 35-7.5, TH 35-15 Wire stripping length  11 mm 0.433 in
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	
2 conductors per clamp	with insulated ferrule	26 ... 14 AWG	Tool (for flexible conductor without ferrule)  Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with twin ferrule	0.22 ... 0.5 mm²	
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Short Circuit Current Rating (with specific conditions)		100 kA	
Rated voltage		800 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20 NEMA 1	
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	

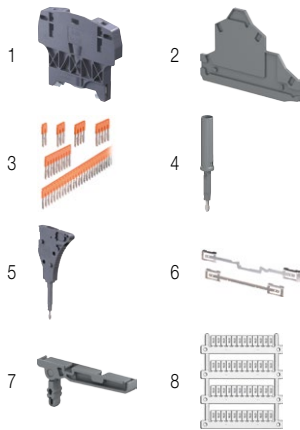
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 End sections 2 mm 0.079 in	Dark grey <input type="checkbox"/>	EK2.5-D2	1SNK705960R0000	20	3.40	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
		50 poles 32 A (IEC)	JB5-50	1SNK905350R0000	10	36.00
4 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors 5.2 mm 0.205 in spacing	Dark grey <input type="checkbox"/>	End module, 5.2 mm 0.205 in	TC5	1SNK900200R0000	10	5.20
			TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90	
7 Label holders	Dark grey <input type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



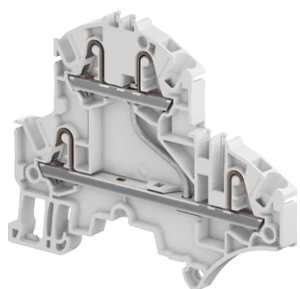
## Feed-through PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Profile aligned with ZK2.5-D2 and ZK2.5-D1	Green-yellow <input type="checkbox"/>	ZK2.5-D1-PE	1SNK705250R0000	20	15.70

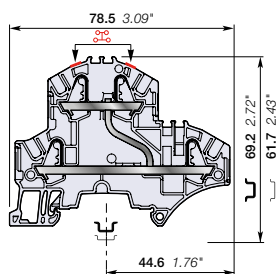
Technical data valid for copper conductors only.

# ZK2.5-D1 PI-Spring terminal blocks

Double deck with 1 feed-through circuit - 5.2 mm 0.205 in spacing



ZK2.5-D1



5.2 mm 0.205 in spacing

## Description

– Find the same functionalities as ZK2.5-D2 and ease one potential distribution on 4 independent connections.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey	ZK2.5-D1	1SNK705211R0000	50	11.20

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>		
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		800 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III/C			

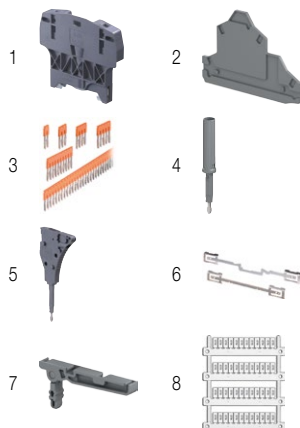
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.40	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
		50 poles	JB5-50	1SNK905350R0000	10	36.00
4 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
			SHB	1SNK900602R0000	20	4.90
6 Shield connectors		LH-J	1SNK900606R0000	100	0.73	
7 Label holders	Dark grey	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
			MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
			Universal wire markers holder	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Feed-through PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Profile aligned with ZK2.5-D2 and ZK2.5-D1	Green-yellow	ZK2.5-D1-PE	1SNK705250R0000	20	15.70

Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK2.5-D2-PE PI-Spring terminal blocks

Double deck with 1 feed-through circuit and 1 ground circuit - 5.2 mm 0.205 in spacing



2.5 mm<sup>2</sup>  
12 AWG

## Description

Combine high performance with compact dimensions:

- 800 V IEC 600 V UL,
- 1 feed through circuit and 1 ground circuit in just 5.2 mm 0.205 in spacing,
- 2 jumper channels and a large input and output marker zone on each deck,
- designed for easy wiring.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through + ground	Grey, Green-yellow	ZK2.5-D2-PE	1SNK705212R0000	20	15.70

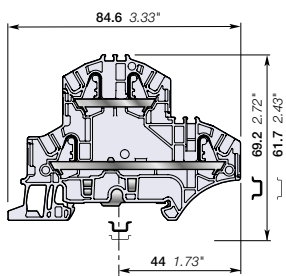
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIC/IIC			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK2.5-D2-PE

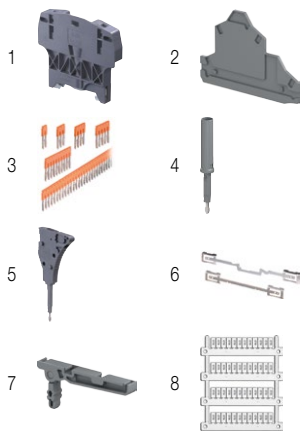


5.2 mm 0.205 in spacing

## Accessories

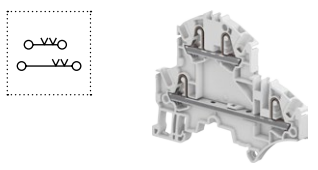
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.40	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
		50 poles	JB5-50	1SNK905350R0000	10	36.00
4 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90	
7 Label holders	Dark grey	LH-J	1SNK900606R0000	100	0.73	
8 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Feed-through PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through	Grey	ZK2.5-D2	1SNK705210R0000	50	11.20



Technical data valid for copper conductors only.

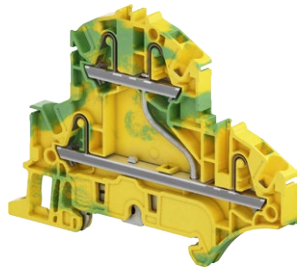


# ZK2.5-D1-PE PI-Spring terminal blocks

Double deck with 1 ground circuit - 5.2 mm 0.205 in spacing

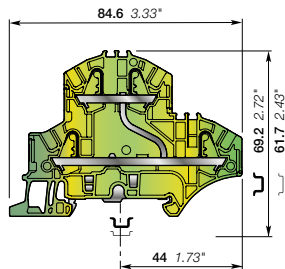


2.5 mm<sup>2</sup>  
12 AWG



1SNK16204950201

ZK2.5-D1-PE



5.2 mm 0.205 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-D2.

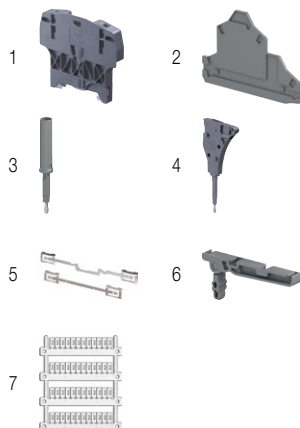
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 1 ground circuit	Green-yellow	ZK2.5-D1-PE	1SNK705250R0000	20	15.70

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated cross section		2.5 mm <sup>2</sup>	12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.40	
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
4 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
5 Shield connectors		SHB	1SNK900602R0000	20	4.90	
6 Label holders	Dark grey	LH-J	1SNK900606R0000	100	0.73	
7 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
		Universal wire markers holder	MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZK2.5-T3 PI-Spring terminal blocks

Triple deck with 3 feed-through circuits - 5.2 mm 0.205 in spacing



## Description

Combine high performance with compact dimensions in just 5.2 mm 0.205 in spacing:  
 - 500 V IEC 300 V UL,  
 - 1 jumper channel and a large input and output marker zone on each deck.

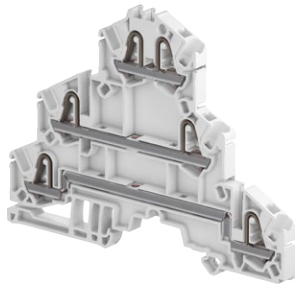
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
<b>Feed-through</b> 3 feed-through circuits	Grey <input type="checkbox"/>	ZK2.5-T3	1SNK705510R0000	25	17.33

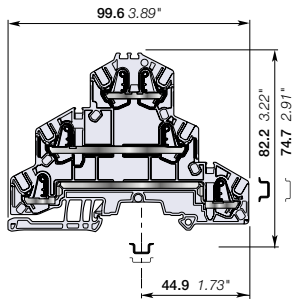
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
<b>2 conductors per clamp</b>	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
<b>Rated current / Rated cross section</b>		22 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG		
<b>Rated short-time withstand current (1s)</b>		300 A			
<b>Short Circuit Current Rating (with specific conditions)</b>					
<b>Rated voltage</b>		500 V	300 V		
<b>Impulse withstand voltage</b>		8000 V			
<b>Protection</b>		IP20 NEMA 1			
<b>Increased safety Ex e</b>		440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIC/IIC			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK2.5-T3

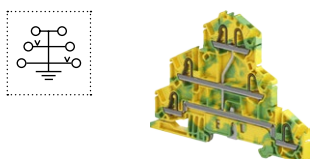


5.2 mm 0.205 in spacing

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
<b>1 End stops</b> 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
<b>2 End sections</b> 0.8 mm 0.031 in	Dark grey <input type="checkbox"/>	EK2.5-T3	1SNK705961R0000	20	4.76	
<b>3 Jumper bars</b>	Orange <input type="checkbox"/>	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
		50 poles 32 A (IEC)	JB5-50	1SNK905350R0000	10	36.00
<b>4 Test adapters</b>	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
<b>5 Test connectors</b>	Dark grey <input type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
<b>6 Label holders</b>	Dark grey <input type="checkbox"/>		LH-J	1SNK900606R0000	100	0.73
		Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.  
 Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



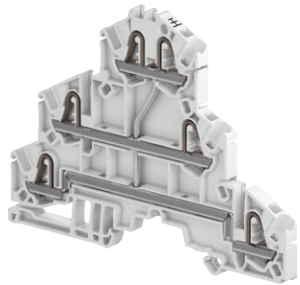
## Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
<b>Ground</b>	Green-yellow <input type="checkbox"/>	ZK2.5-T1-PE	1SNK705550R0000	25	21.53

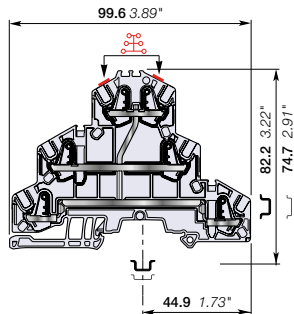
Technical data valid for copper conductors only.

# ZK2.5-T1 PI-Spring terminal blocks

Triple deck with 1 feed-through circuit - 5.2 mm 0.205 in spacing



ZK2.5-T1



5.2 mm 0.205 in spacing

## Description

Find the same functionalities as ZK2.5-T3 and ease one potential distribution on 6 independent connections.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey <input type="checkbox"/>	ZK2.5-T1	1SNK705511R0000	25	17.33

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule	0.2 ... 4 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup>	26 ... 12 AWG 26 ... 14 AWG 26 ... 14 AWG	Rail Wire stripping length	TH 35-7.5, TH 35-15 11 mm 0.433 in
<b>2 conductors per clamp</b>	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
<b>Rated current / Rated cross section</b>	22 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG			
<b>Rated short-time withstand current (1s)</b>	300 A				
<b>Short Circuit Current Rating (with specific conditions)</b>					
<b>Rated voltage</b>	500 V	300 V			
<b>Impulse withstand voltage</b>	8000 V				
<b>Protection</b>	IP20	NEMA 1			
<b>Increased safety Ex e</b>	440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/C/IIIC				

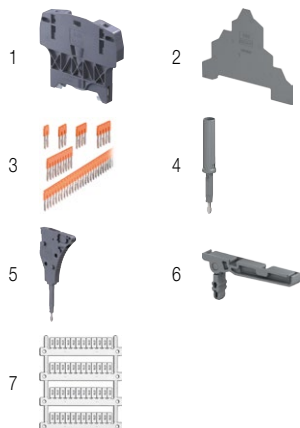
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

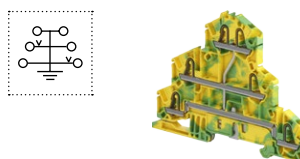
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>1 End stops</b>	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00
<b>2 End sections</b>	Dark grey <input type="checkbox"/>	EK2.5-T3	1SNK705961R0000	20	4.76
<b>3 Jumper bars</b>	Orange <input type="checkbox"/>	JB5-2 JB5-3 JB5-4 JB5-5 JB5-10 JB5-50	1SNK905302R0000 1SNK905303R0000 1SNK905304R0000 1SNK905305R0000 1SNK905310R0000 1SNK905350R0000	50 50 50 50 30 10	1.30 2.00 2.70 3.50 7.10 36.00
<b>4 Test adapters</b>	Dark grey <input type="checkbox"/>	TP2 TP4	1SNK900203R0000 1SNK900205R0000	20 20	1.70 2.40
<b>5 Test connectors</b>	Dark grey <input type="checkbox"/>	TC5 TC5-R1	1SNK900200R0000 1SNK900201R0000	10 10	5.20 5.20
<b>6 Label holders</b>	Dark grey <input type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73
<b>7 Terminal block markers</b>	White <input type="checkbox"/>	MG-CPM 13 41790 MC512 MC512PA	1SNB041790R0512 1SNK140000R0000 1SNK149999R0000	1960 22 20	0.23 9.00 10.00
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



## Ground PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZK2.5-T1-PE	1SNK705550R0000	25	21.53



Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZK2.5-L-L-PE PI-Spring terminal blocks

Triple deck with 2 feed-through circuits and 1 ground circuit - 5.2 mm 0.205 in spacing



## Description

Combine high performance with compact dimensions:

- 500V IEC 300 V UL,
- 2 feed through circuits and 1 ground circuit in just 5.2 mm 0.205 in spacing,
- 1 jumper channel and a large input and output marker zone on each deck,
- designed for easy wiring.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through + ground	Grey, Green-yellow	ZK2.5-L-L-PE	1SNK705512R0000	25	21.38 g

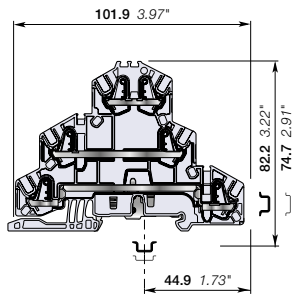
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		22 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A	396 A		
Short Circuit Current Rating (with specific conditions)					
Rated voltage		500 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIC/IIC			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZK2.5-L-L-PE

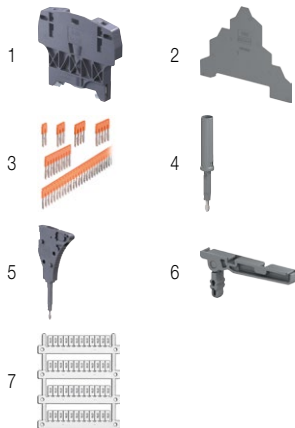


5.2 mm 0.205 in spacing

## Accessories

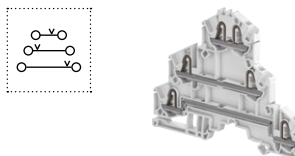
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	EK2.5-T3	1SNK705961R0000	20	4.76	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
6 Label holders	Dark grey	LH-J	1SNK900606R0000	100	0.73	
7 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
		Universal wire markers holder	UMH	1SNK149999R0000	20	10.00
	Grey		1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Feed-through PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through	Grey	ZK2.5-T3	1SNK705510R0000	25	17.33 g



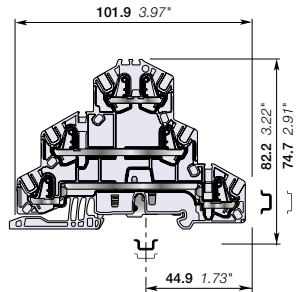
Technical data valid for copper conductors only.

# ZK2.5-L-N-PE PI-Spring terminal blocks

Triple deck with 2 feed-through circuits and 1 ground circuit - 5.2 mm 0.205 in spacing



ZK2.5-L-N-PE



5.2 mm 0.205 in spacing

## Description

Combine high performance with compact dimensions:

- 500 V IEC 300 V UL,
- 2 feed through circuits, phase and neutral, and 1 ground circuit in just 5.2 mm 0.205 in spacing,
- 1 jumper channel and a large input and output marker zone on each deck,
- designed for easy wiring.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through + ground	Blue, grey, Green-yellow	ZK2.5-L-N-PE	1SNK705513R0000	25	21.38

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible	26 ... 12 AWG	Rail
	0.22 ... 4 mm²	26 ... 12 AWG	Wire stripping length
	with non insulated ferrule	26 ... 14 AWG	
	with insulated ferrule	26 ... 14 AWG	TH 35-7.5, TH 35-15
<b>2 conductors per clamp</b>	Flexible with twin ferrule	26 ... 20 AWG	Tool (for flexible conductor without ferrule)
	0.22 ... 0.5 mm²	26 ... 20 AWG	
			Flat screwdriver Ø 3.5 mm Ø 0.138 in
<b>Rated current / Rated cross section</b>	22 A / 2.5 mm²	20 A / 12 AWG	
<b>Rated short-time withstand current (1s)</b>	300 A	396 A	
<b>Short Circuit Current Rating (with specific conditions)</b>			
<b>Rated voltage</b>	500 V	300 V	
<b>Impulse withstand voltage</b>	8000 V		
<b>Protection</b>	IP20	NEMA 1	
<b>Increased safety Ex e</b>	440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIIC/IIIC		

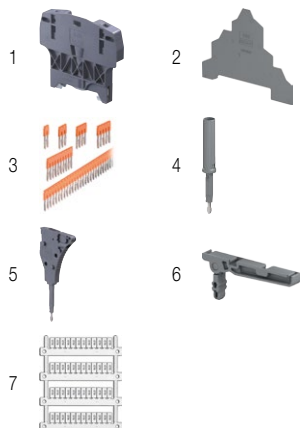
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>1 End stops</b>	Dark grey	BAZH1	1SNK900102R0000	20	24.00
<b>2 End sections</b>	Dark grey	EK2.5-T3	1SNK705961R0000	20	4.76
<b>3 Jumper bars</b>	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.00
<b>4 Test adapters</b>	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
<b>5 Test connectors</b>	Dark grey	TC5	1SNK900200R0000	10	5.20
		TC5-R1	1SNK900201R0000	10	5.20
<b>6 Label holders</b>	Dark grey	LH-J	1SNK900606R0000	100	0.73
<b>7 Terminal block markers</b>	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Feed-through PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZK2.5-T3	1SNK705510R0000	25	17.33

Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.



# ZK2.5-T1-PE PI-Spring terminal blocks

Triple deck with 1 ground circuit - 5.2 mm 0.205 in spacing



2.5 mm<sup>2</sup>  
12 AWG

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-T3,
- 1 jumper channel on bottom and middle decks.

## Ordering details

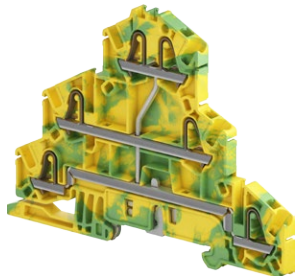
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 1 ground circuit	Green-yellow	ZK2.5-T1-PE	1SNK705550R0000	25	21.53

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp			
Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail
Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 12 AWG	Wire stripping length
with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)
with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated cross section	2.5 mm <sup>2</sup>	12 AWG	
Rated short-time withstand current (1s)	300 A	396 A	
Protection	IP20	NEMA 1	

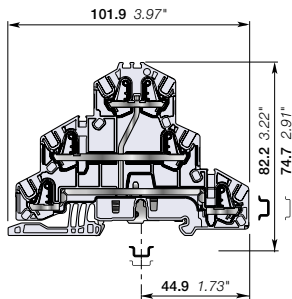
## Explosive atmosphere classification

IM2 II 2 GD Ex eb IIC/IIIC  
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



1SNK16211R0014

ZK2.5-T1-PE



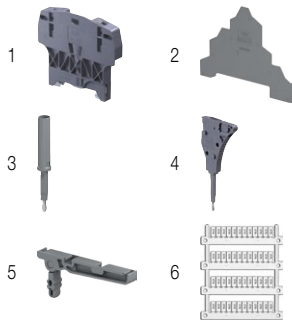
5.2 mm 0.205 in spacing

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 End sections 0.8 mm 0.031 in	Dark grey	EK2.5-T3	1SNK705961R0000	20	4.76
3 Test adapters For test plugs DIA 2 mm 0.079 in For test plugs DIA 4 mm 0.157 in	Dark grey	TP2 TP4	1SNK900203R0000 1SNK900205R0000	20 20	1.70 2.40
4 Test connectors 5.2 mm 0.205 in spacing End module, 5.2 mm 0.205 in	Dark grey	TC5 TC5-R1	1SNK900200R0000 1SNK900201R0000	10 10	5.20 5.20
5 Label holders	Dark grey	LH-J	1SNK900606R0000	100	0.73
6 Terminal block markers Blank marker Blank card	White	MG-CPM 13 41790 MC512 MC512PA	1SNB041790R0512 1SNK140000R0000 1SNK149999R0000	1960 22 20	0.23 9.00 10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

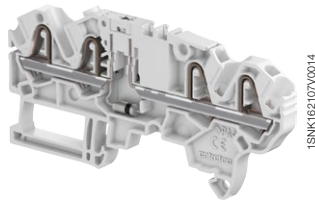
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



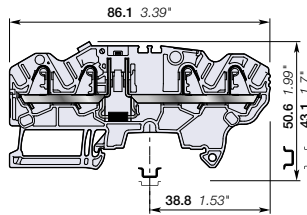
Technical data valid for copper conductors only.

# ZK2.5-CH-4P PI-Spring terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



ZK2.5-CH-4P



5.2 mm 0.205 in spacing

### Description

- Protect your circuit with one 1N4007 diode,
- Clear identification of the diode orientation with marking identification on the top of the terminal block

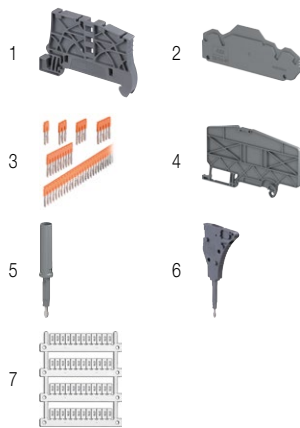
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Component holder with 1 test socket DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	ZK2.5-CH-4P-LR	1SNK705710R0000	50	10.91

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		1 A / 2.5 mm <sup>2</sup>	1 A / 12 AWG		
Rated short-time withstand current (1s)					
Short Circuit Current Rating (with specific conditions)					
Rated voltage		630 V	300 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections	Dark grey <input checked="" type="checkbox"/>	EK2.5-S-4P	1SNK705913R0000	20	2.94	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	JB5-2	1SNK905302R0000	50	1.30	
		JB5-3	1SNK905303R0000	50	2.00	
		JB5-4	1SNK905304R0000	50	2.70	
		JB5-5	1SNK905305R0000	50	3.50	
		JB5-10	1SNK905310R0000	30	7.10	
		JB5-50	1SNK905350R0000	10	36.00	
4 Circuit separators	Dark grey <input checked="" type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey <input checked="" type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
7 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1960	0.23	
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZK2.5-CH-4P PI-Spring terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



### Description

- Protect your circuit with one 1N4007 diode,
- Clear identification of the diode orientation with marking identification on the top of the terminal block

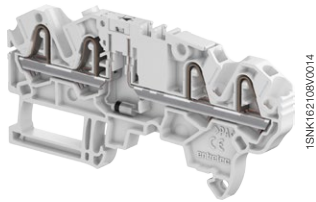
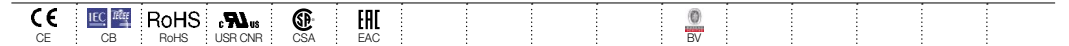
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Component holder with 1 test socket DIA 2 mm 0.079 in	Grey	ZK2.5-CH-4P-RL	1SNK705711R0000	50	10.91

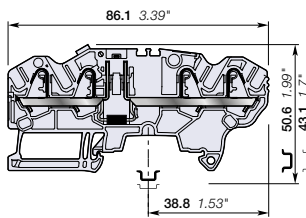
### Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule	0.2 ... 4 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup>	26 ... 12 AWG 26 ... 14 AWG 26 ... 14 AWG
<b>2 conductors per clamp</b>	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG
<b>Rated current / Rated cross section</b>		1 A / 2.5 mm <sup>2</sup>	1 A / 12 AWG
<b>Rated short-time withstand current (1s)</b>			
<b>Short Circuit Current Rating (with specific conditions)</b>			
<b>Rated voltage</b>		630 V	300 V
<b>Impulse withstand voltage</b>			
<b>Protection</b>		IP20	NEMA 1

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>.



ZK2.5-CH-4P

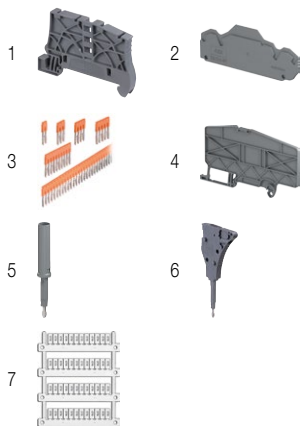


5.2 mm 0.205 in spacing

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
<b>1 End stops</b>	Dark grey	BAZ1	1SNK900002R0000	50	5.30
<b>2 End sections</b>	Dark grey	EK2.5-S-4P	1SNK705913R0000	20	2.94
<b>3 Jumper bars</b>	Orange	JB5-2 JB5-3 JB5-4 JB5-5 JB5-10 JB5-50	1SNK905302R0000 1SNK905303R0000 1SNK905304R0000 1SNK905305R0000 1SNK905310R0000 1SNK905350R0000	50 50 50 50 30 10	1.30 2.00 2.70 3.50 7.10 36.00
<b>4 Circuit separators</b>	Dark grey	CS-R3	1SNK900107R0000	20	6.40
<b>5 Test adapters</b>	Dark grey	TP2 TP4	1SNK900203R0000 1SNK900205R0000	20 20	1.70 2.40
<b>6 Test connectors</b>	Dark grey	TC5 TC5-R1	1SNK900200R0000 1SNK900201R0000	10 10	5.20 5.20
<b>7 Terminal block markers</b>	White	MG-CPM 13 41790 MC512 MC512PA	1SNB041790R0512 1SNK140000R0000 1SNK149999R0000	1960 22 20	0.23 9.00 10.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



Technical data valid for copper conductors only.



# ZK2.5-D-CH PI-Spring terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



### Description

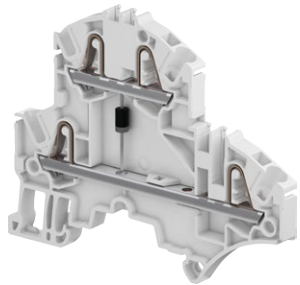
Protect your circuit with one 1N4007 diode.

### Ordering details

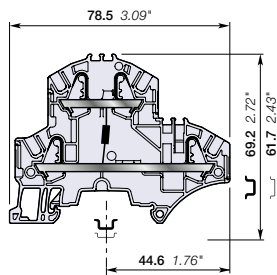
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Component holder	Grey <input type="checkbox"/>	ZK2.5-D-CH-UD	1SNK705213R0000	50	11.20

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.443 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG		
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	600 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

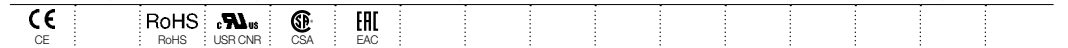


ZK2.5-D-CH



5.2 mm 0.205 in spacing

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey <input checked="" type="checkbox"/>	EK2.5-D2	1SNK705960R0000	20	3.40	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
		50 poles	JB5-50	1SNK905350R0000	10	36.00
4 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey <input checked="" type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
			SHB	1SNK900602R0000	20	4.90
6 Shield connectors	Dark grey <input checked="" type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73	
7 Label holders	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZK2.5-D-CH PI-Spring terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



### Description

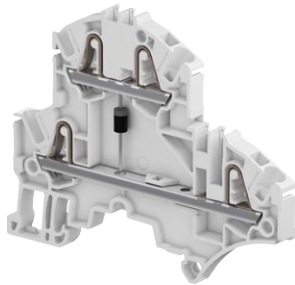
Protect your circuit with one 1N4007 diode.

### Ordering details

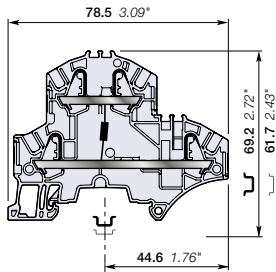
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Component holder	Grey <input type="checkbox"/>	ZK2.5-D-CH-DU	1SNK705214R0000	50	11.20

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>		Wire stripping length	11 mm
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		0.443 in
2 conductors per clamp	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG		
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		300 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	600 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		



ZK2.5-D-CH



5.2 mm 0.205 in spacing

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	ERC	EAC
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### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey <input checked="" type="checkbox"/>	EK2.5-D2	1SNK705960R0000	20	3.40	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey <input checked="" type="checkbox"/>	50 poles 32 A (IEC)	JB5-50	1SNK905350R0000	10	36.00
		For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey <input checked="" type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90	
7 Label holders	Dark grey <input checked="" type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
		Universal wire markers holder	MC512PA	1SNK149999R0000	20	10.00
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZK2.5-D-CH2 PI-Spring terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



2.5 mm<sup>2</sup>  
12 AWG

### Description

- Protect your circuit with 1N4007 diodes;
- Convenient identification of the diodes orientation on the terminal block front side.

### Ordering details

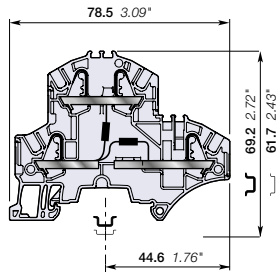
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Component holder	Grey <input type="checkbox"/>	ZK2.5-D-CH2-DU-RL	1SNK705219R0000	50	11.20

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	26 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG	Wire stripping length	11 mm 0.443 in
	with non insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm <sup>2</sup>	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		1 A / 2.5 mm <sup>2</sup> / 12 AWG			
Rated short-time withstand current (1s)					
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	600 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		



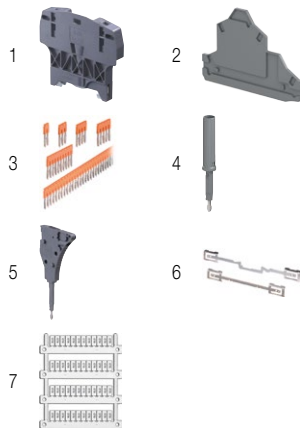
ZK2.5-D-CH2



5.2 mm 0.205 in spacing

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

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### Accessories

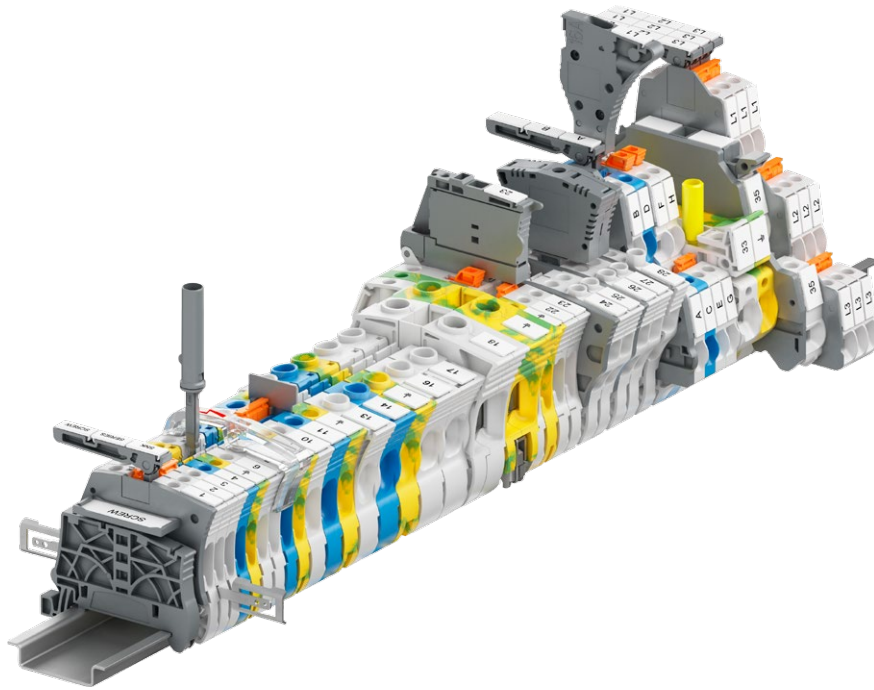
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00
2 End sections	Dark grey <input type="checkbox"/>	EK2.5-D2	1SNK705960R0000	20	3.40
3 Jumper bars	Orange <input type="checkbox"/>	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.00
4 Test adapters	Dark grey <input type="checkbox"/>	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey <input type="checkbox"/>	TC5	1SNK900200R0000	10	5.20
		TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90
7 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNK041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

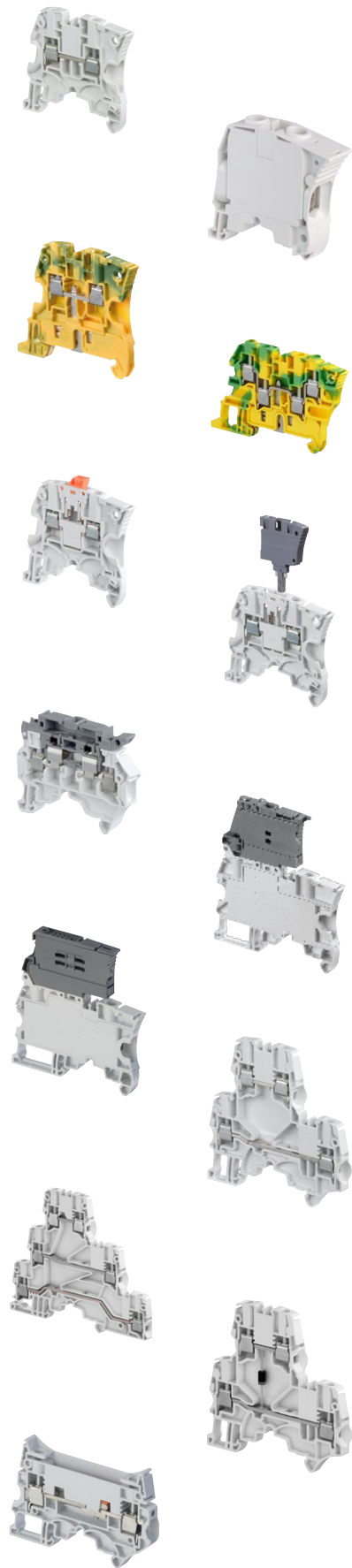


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# SNK series, terminal blocks

## Screw clamp technology



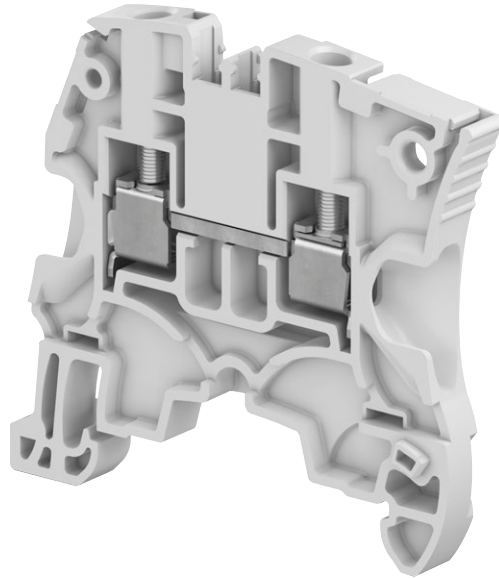
Technologies presentation		68
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<b>Feed-through</b>		
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16 mm <sup>2</sup> / 4 AWG	ZS16	81
25 mm <sup>2</sup> / 3 AWG	ZS25	82
35 mm <sup>2</sup> / 0 AWG	ZS35	83
50 mm <sup>2</sup> / 0 AWG	ZS50	84
70 mm <sup>2</sup> / 00 AWG	ZS70	85
95 mm <sup>2</sup> / 0000 AWG	ZS95	86
150 mm <sup>2</sup> / 350 Kcmil	ZS150	87
240 mm <sup>2</sup> / 240 Kcmil	ZS240	88
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35 mm <sup>2</sup> / 2 AWG	ZS35-PE	96
35 mm <sup>2</sup>	ZS35-PEN	+ neutral 97
50 mm <sup>2</sup> / 0 AWG	ZS50-PE	98
70 mm <sup>2</sup> / 00 AWG	ZS70-PE	99
95 mm <sup>2</sup> / 0000 AWG	ZS95-PE	100
<b>Disconnect with blade</b>		
4 mm <sup>2</sup> / 10 AWG	ZS4-S, ZS4-S-T, ZS4-S-R1 and ZS4-S-T-R1	with test 101-104
6 mm <sup>2</sup> / 10 AWG	ZS6-S and ZS6-S-4S-T	with test 105-106
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	ZS4-S-R3	disconnect with lever 121
<b>For 5x20 mm fuses and marshalling cabinets application</b>		
4 mm <sup>2</sup> / 10 AWG	ZS4-SF	122
	ZS4-SF-T	with test 123
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	ZS10-SF-R	with fuse indicator 130
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	ZS6-D2-PE	1 feed-through circuit and 1 ground circuit 136
	ZS6-D1-PE	1 ground circuit 137
4 mm <sup>2</sup> / 10 AWG	ZS4-D2-S	1 disconnect circuit and 1 feed-through circuit 138
	ZS4-D2-S-T	1 disconnect circuit + test and 1 feed-through circuit 139
	ZS4-D2-SF1	1 fuse circuit and 1 feed-through circuit 140
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	ZS10-R1	feed-through 152
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		154

## Screw clamp technology - SNK series, terminal blocks

### Features and benefits

ABB screw clamp technology benefits from 60 years of experience.

3



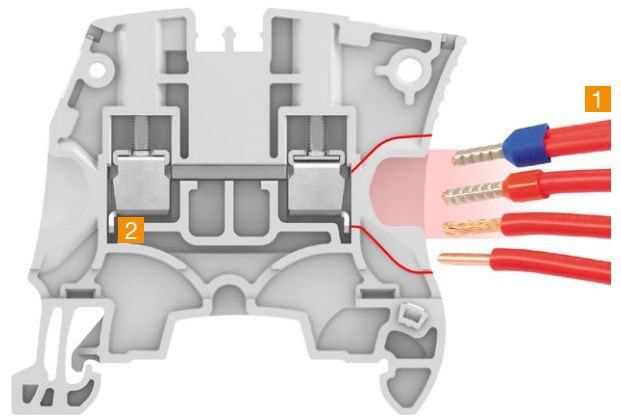
#### Speed up your projects

##### An optimized conductor guiding

Smooth connection process up to 2 conductors with or without ferrules thanks to funnel entry shape.

Also perfectly adapted to double ferrule shape **1**

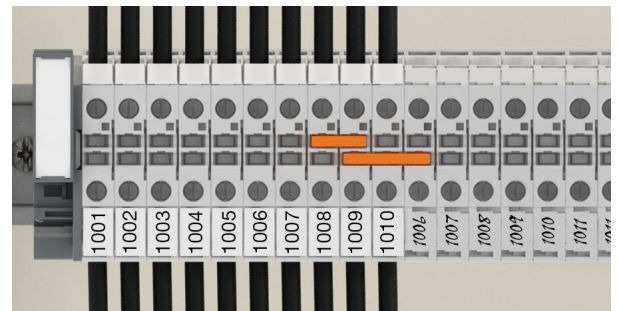
Security: flap avoiding the insertion of cable underneath the clamp **2**.



Engineered conductor entry.

##### Better project identification

- Circuit identification is improved thanks to the 20% larger marking area
- Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
- Spare markers re-printing in case of modifications.



Clear circuit identification.

1SNK161092S0201

## Screw clamp technology - SNK series, terminal blocks

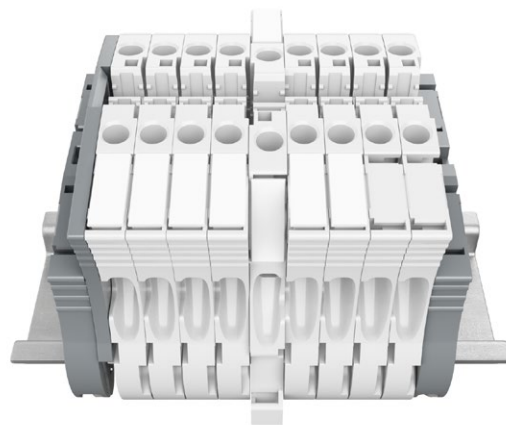
### Features and benefits

#### Easy to install

##### Smart design facilitating assembly process.

Mounting, wiring, testing... made easy

Avoid mounting and wiring errors: asymmetrical design allows immediate visual check in case of reversed terminal blocks.

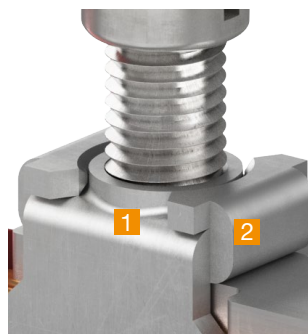


Asymmetrical design avoids mounting error.

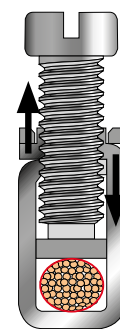
#### Minimize retightening campaigns

High torque resistance : the clamp is punched to increase the number of threads in contact by 30 % **1**.

The ABB exclusive anti-release system creates a controlled locking-screw effect reinforced by the 2 overlapping tabs that maintain the clamp parts **2**.



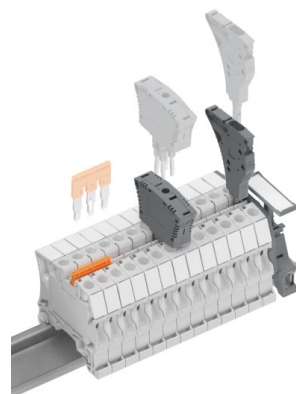
High torque resistance.



Anti-release system.

#### Faster accessories mounting

Save up to 70% mounting time thanks to screwless accessories: jumpers, component plugs, test devices, end stops and snap-in ground terminal blocks.



Screwless accessories



Snap-in ground terminal block for rapid installation

# Screw clamp technology - SNK series, terminal blocks

## Features and benefits

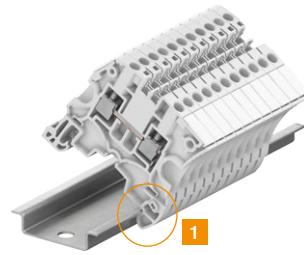
### Easy to install

#### Smart design facilitating assembly process.

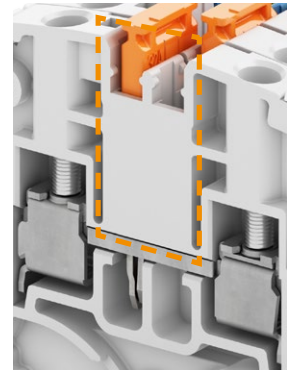
Mounting, wiring, testing... made easy

Locking pin **1** allows quick and easy lock up to ten blocks in position at a time.

Closed jumper location allows great stiffness of the terminal block, optimal jumper guiding and avoids deflections while tightening.



Lock up to ten blocks in position at a time.



Closed jumper location for stiffness.

### Smart accessories

Flexible test solutions from individual insulated test adapter to test connectors for complete assemblies testing.

- Direct plug-in into jumpers channels
- 5, 6, 8 mm spacing, mixing various spacing is possible
- 1000 V rating.



Plug-in individual test adapter.



Plug-in test connector.

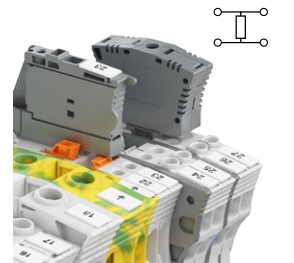
Component holder plugs for series or parallel component mounting (resistors, filters, diodes..).

Can be installed after wiring.

Series plug offers screwless component connection (no soldering).



Series plug associated with disconnect blocks.



Parallel plug to be installed between 2 blocks.

Smart plug-in jumpers:

Pre-cut poles removable by hand: clean cut.

Insulated up to 1000 V (avoid use of separators).

Predefined shapes in molding to easily identify connected poles with a pen.



Pre-cut poles easy removable by hand.



Predefined shape to identify connected poles.



## Screw clamp technology - SNK series, terminal blocks

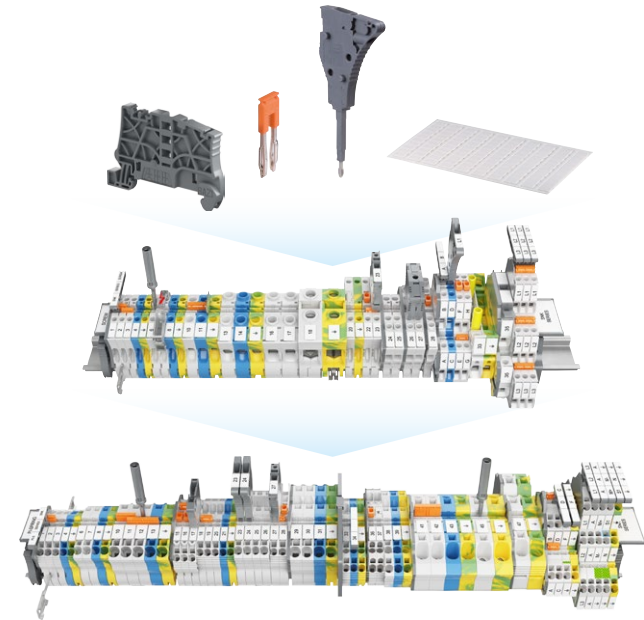
### Features and benefits

#### Optimized logistics

**Reduce your accessories inventory by up to 50%**

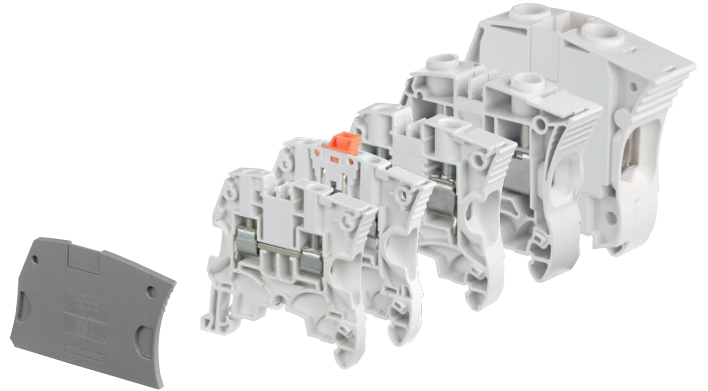
SNK PI-Spring, screw and pluggable ranges share the same accessories.

Reduced packaging adapted to the usage (20 items packaging for some references).



Shared accessories for SNK PI-Spring, screw and pluggable ranges.

All end sections and circuit separators fit several types and sizes of blocks.



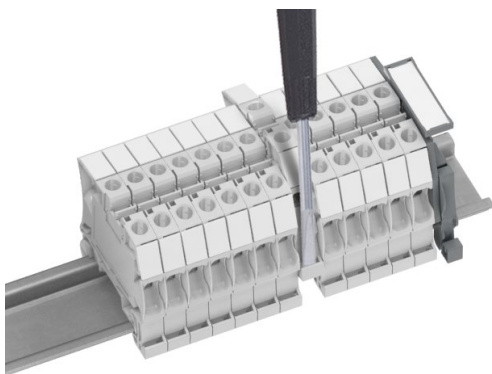
Stock only one end section for managing your assembly up to 240 mm<sup>2</sup>.

3

#### Facilitate maintenance operations

Terminals can be individually removed from a terminal assembly equipped with markers:

ABB markers become independent after strip mounting, ABB markers remain on terminal in any situation.



Maintenance operations facilitated.

#### Reliable in harsh conditions

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion...



## SNK series, terminal blocks

Screw clamp technology

Range overview from 4 to 240 mm<sup>2</sup> – 10 to 500 Kcmil



Connections

### Single deck

Feed-through  
Ground  
Disconnect  
Fuse



Connections

### Single deck

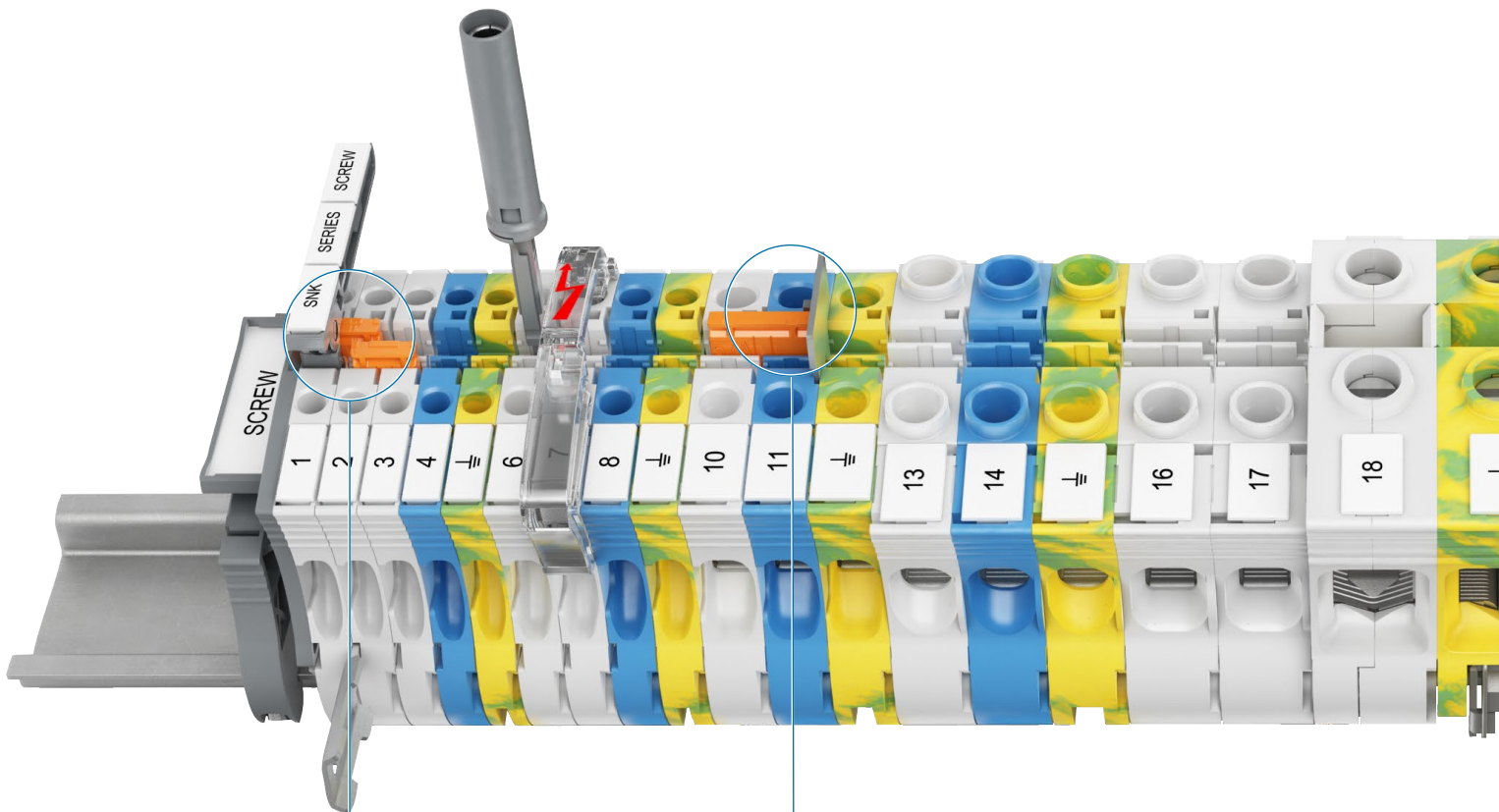
Feed-through  
Ground



Connections

### Single deck

Feed-through  
Ground  
Disconnect



**Double central channels**  
allows multiconfigurations  
(jumping, testing and  
measuring)

**Circuit separator**  
without spacing loss

**2x2** Connections



**Double deck**  
 Feed-through  
 Ground  
 Disconnect  
 Fuse  
 Component holder

**2** Connections

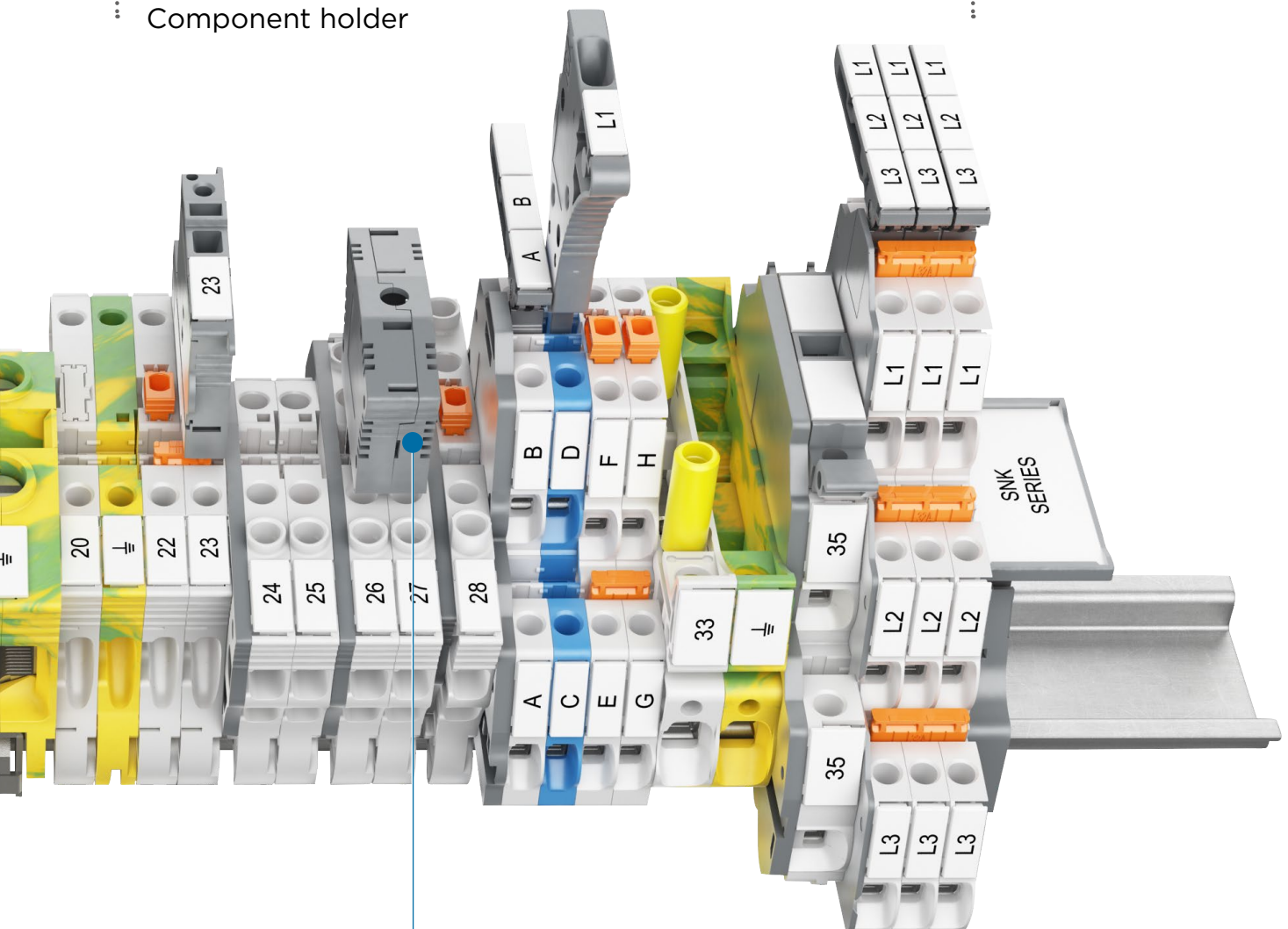


**Test and measurement**  
 Feed-through  
 Ground  
 Disconnect

**3x2** Connections



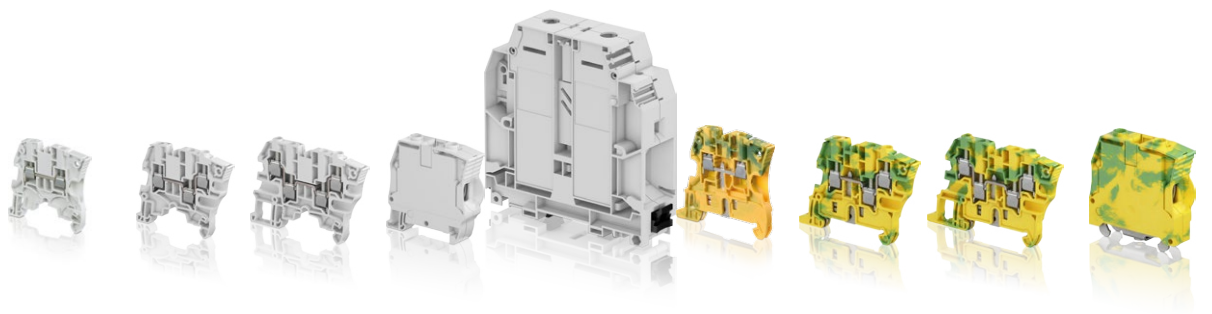
**Triple deck**  
 Feed-through



**Plug**  
 component holder

# SNK series, terminal blocks

## Screw clamp technology

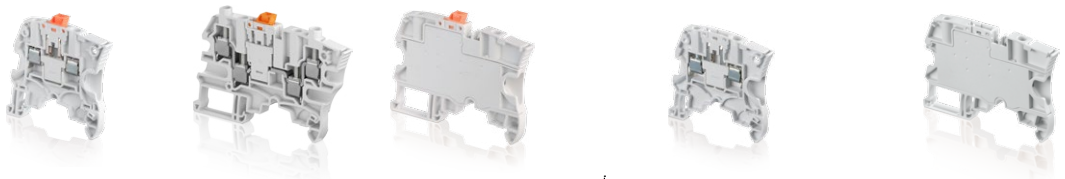


3

### Feed-through

### Ground

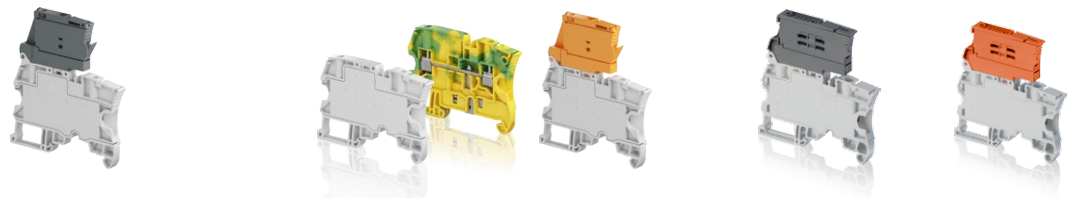
Section									
4 mm <sup>2</sup>	12 AWG	ZS4				ZS4-PE			
	10 AWG								
6 mm <sup>2</sup>	10 AWG	ZS6	ZS6-3S	ZS6-4S		ZS6-PE	ZS6-3S-PE	ZS6-4S-PE	
10 mm <sup>2</sup>	6 AWG	ZS10				ZS10-PE			
16 mm <sup>2</sup>	4 AWG	ZS16				ZS16-PE			
25 mm <sup>2</sup>	3 AWG	ZS25				ZS25-PE			
35 mm <sup>2</sup>	0 AWG			ZS35					ZS35-PE
	2 AWG								
50 mm <sup>2</sup>	0 AWG			ZS50					ZS50-PE
70 mm <sup>2</sup>	00 AWG			ZS70					ZS70-PE
95 mm <sup>2</sup>	0000 AWG			ZS95					ZS95-PE
150 mm <sup>2</sup>	350 Kcmil				ZS150				
240 mm <sup>2</sup>	500 Kcmil				ZS240				



### Disconnect with blade

### Disconnect with plug

Section											
4 mm <sup>2</sup>	10 AWG	ZS4-S	ZS4-S-T2		ZS4-S-R1	ZS4-S-T2-R1	ZS4-S-T2.3-R1	ZS4-SP	ZS4-SP-T2	ZS4-SP-R1	ZS4-SP-T2-R1
6 mm <sup>2</sup>	10 AWG	ZS6-S		ZS6-S-4S-T2							
10 mm <sup>2</sup>	6 AWG	ZS10-S				ZS10-SP					



### For 5 x 20 mm fuses

### Aligned for marshalling cabinets application

### For 6.3 x 32 mm fuses (1/4 x 1 1/4 in)

### Aligned

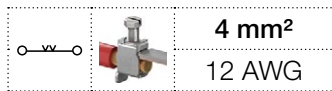
Section										
4 mm <sup>2</sup>	10 AWG	ZS4-SF	ZS4-SF-T2	ZS4-SF-R1	ZS4-SF-R2	ZS4-R2	ZS4-PE-R2	ZS4-S-R2		
			ZS4-SF-R3	ZS4-SF-R4						
10 mm <sup>2</sup>	6 AWG							ZS10-SF	ZS10-SF-R1	ZS10-S-R2
								ZS10-SF-R3		

Clamp - 
 Channels for jumpering or testing - 
 Test socket - 
 Blown-fuse indicator



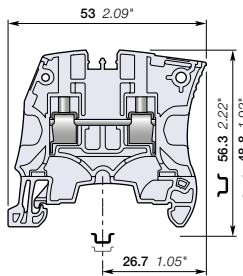
# ZS4 screw clamp terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing



1SNK161001E0014

ZS4



5.2 mm 0.205 in spacing

### Description

- Save space by connecting conductors up to 4 mm<sup>2</sup> (without insulated ferrule, CB certified) 12 AWG in just 5.2 mm 0.205 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS4	1SNK505010R0000	50	8.80
	Blue	ZS4-BL	1SNK505020R0000	50	8.80
	Orange	ZS4-OR	1SNK505030R0000	50	8.80
	Yellow	ZS4-YL	1SNK505060R0000	50	8.80
	Green	ZS4-GN	1SNK505061R0000	50	8.80
	Red	ZS4-RD	1SNK505062R0000	50	8.80
	Purple	ZS4-PR	1SNK505063R0000	50	8.80
	Brown	ZS4-BR	1SNK505064R0000	50	8.80
	White	ZS4-WH	1SNK505065R0000	50	8.80
	Black	ZS4-BK	1SNK505066R0000	50	8.80

### Main technical data

Connecting capacity	IEC	UL - CSA	Rail	Wire stripping length	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		10.5 mm
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		0.412 in
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		32 A / 4 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)	480 A				
Short Circuit Current Rating (with specific conditions)		100 kA			
Rated voltage	1000 V	600 V			
Impulse withstand voltage	8000 V				
Protection	IP20	NEMA 1			0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Increased safety Ex e	693 V 32 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 20 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U				

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	0 mm	CS	1SNK900101R0000	20	0.20	
	3 mm	CS-R1	1SNK900103R0000	20	5.20	
6 Test adapters	For test plugs DIA 2 mm 0.079 in	Dark grey	TP2	1SNK900203R0000	20	1.70
	For test plugs DIA 4 mm 0.157 in	Dark grey	TP4	1SNK900205R0000	20	2.40
7 Test connectors	5.2 mm 0.205 in spacing	Dark grey	TC5	1SNK900200R0000	10	5.20
	End module, 5.2 mm 0.205 in	Dark grey	TC5-R1	1SNK900201R0000	10	5.20
8 Shield connectors		SHBS	1SNK900600R0000	20	3.50	
9 Protecting covers	5.2 mm 0.205 in spacing	Transparent	PL5	1SNK900618R0000	10	1.50
	Blank marker	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
10 Terminal block markers	Blank card		MC512	1SNK140000R0000	22	9.00
	Blank card		MC512PA	1SNK149999R0000	20	10.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

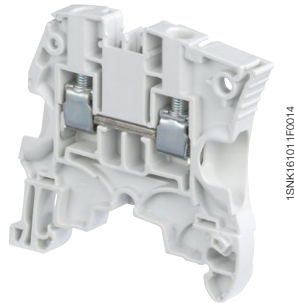
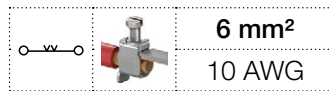
### Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS4-PE	1SNK505150R0000	20	12.10

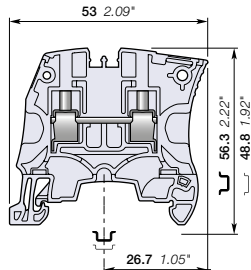
Technical data valid for copper conductors only.

# ZS6 screw clamp terminal blocks

## Feed-through - 6 mm 0.236 in spacing



ZS6



6 mm 0.236 in spacing

### Description

Save space by connecting conductors up to 6 mm<sup>2</sup> (without insulated ferrule, CB certified) 10 AWG in just 6 mm 0.236 in spacing,  
 – Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

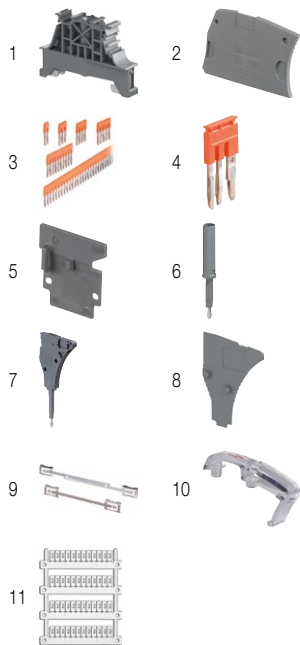
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS6	1SNK506010R0000	50	10.60
	Blue	ZS6-BL	1SNK506020R0000	50	10.60
	Orange	ZS6-OR	1SNK506030R0000	50	10.60
	Yellow	ZS6-YL	1SNK506060R0000	50	10.60
	Green	ZS6-GN	1SNK506061R0000	50	10.60
	Red	ZS6-RD	1SNK506062R0000	50	10.60
	Purple	ZS6-PR	1SNK506063R0000	50	10.60
	Brown	ZS6-BR	1SNK506064R0000	50	10.60
	White	ZS6-WH	1SNK506065R0000	50	10.60
	Black	ZS6-BK	1SNK506066R0000	50	10.60

### Main technical data

Connecting capacity	IEC	UL - CSA	Rail	Wire stripping length	Tool	Torque
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	10.5 mm 0.412 in	Flat screwdriver Ø 4 mm Ø 0.157 in	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
	Flexible	0.2 ... 6 mm <sup>2</sup>	24 ... 12 AWG			
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG			
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Torque		
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG			
with twin ferrule		0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG			
Gauge		A4-B3	30 A / 10 AWG			
Rated current / Rated cross section		41 A / 6 mm <sup>2</sup>	30 A / 10 AWG			
Rated short-time withstand current (1s)		720 A				
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

**Increased safety Ex e** 693 V 41 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III - 600 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

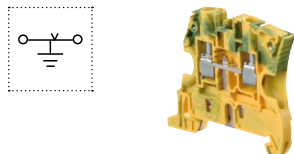
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
50 poles	JB6-50	1SNK906350R0000	10	38.10		
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
9 Shield connectors		SHBS	1SNK900600R0000	20	3.50	
10 Protecting covers	Transparent	PL6	1SNK900619R0000	10	1.80	
11 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1680	0.27	
		Blank card	MC612	1SNK150000R0000	22	10.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

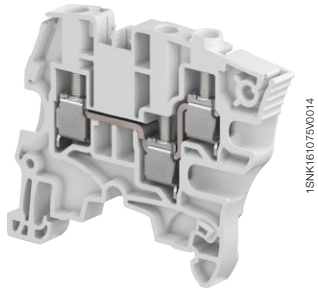
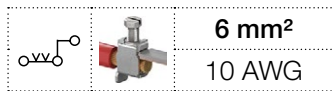
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS6-PE	1SNK506150R0000	20	13.70



Technical data valid for copper conductors only.

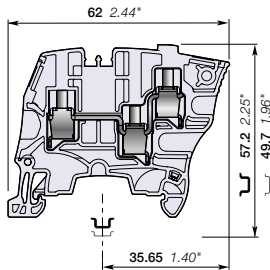
# ZS6-3S screw clamp terminal blocks

Feed-through with 3 connections - 6 mm 0.236 in spacing



1SNK1610750014

ZS6-3S



6 mm 0.236 in spacing

## Description

- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp,
- These blocks offer a high density connecting capacity (up to 3 connections) in a low profile and just 6 mm 0.236 in spacing.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS6-3S	1SNK506011R0000	50	11.80
	Blue	ZS6-3S-BL	1SNK506021R0000	50	11.80
	Yellow	ZS6-3S-YL	1SNK506067R0000	50	11.80

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 6 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG	Torque	0.75 Nm ± 0.05 6.64 lb.in ± 0.443
Maximum current / Maximum cross section		39 A / 6 mm <sup>2</sup>			
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		800 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		550 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/IIIC - 600 V 30 A			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES6-3S	1SNK505912R0000	20	2.50	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
50 poles	JB6-50	1SNK906350R0000	10	38.10		
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
9 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

## Ground screw clamp terminal blocks

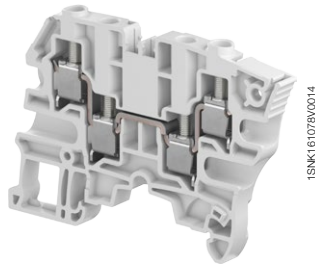
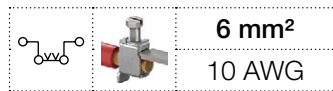
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS6-3S-PE	1SNK506151R0000	25	16.20

Technical data valid for copper conductors only.

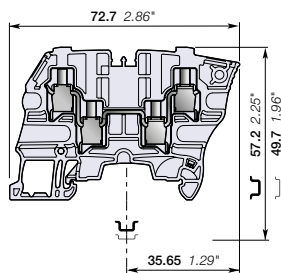


# ZS6-4S screw clamp terminal blocks

Feed-through with 4 connections - 6 mm 0.236 in spacing



ZS6-4S



6 mm 0.236 in spacing

## Description

- High density wiring (one potential distribution on 4 independent screw clamps) in a very low profile and just 6 mm 0.236 in spacing,
- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS6-4S	1SNK506012R0000	50	15.00
	Blue	ZS6-4S-BL	1SNK506022R0000	50	15.00
	Yellow	ZS6-4S-YL	1SNK506068R0000	50	15.00

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 6 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG	Torque	0.75 Nm ± 0.05 6.64 lb.in ± 0.443
Maximum current / Maximum cross section		39 A / 6 mm <sup>2</sup>			
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)		100 kA 600 V			
Rated voltage		800 V			
Impulse withstand voltage		8000 V			
Protection		IP20 NEMA 1			
Increased safety Ex e		550 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIc - 600 V 30 A			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>.



## Accessories

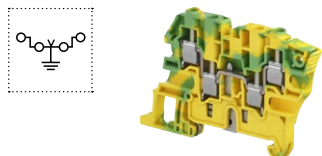
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES6-4S	1SNK505911R0000	20	3.10	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	End module, 5.2 mm 0.205 in	ES-TC6	1SNK900105R0000	10	0.80
		Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
9 Terminal block markers	White	Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

## Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS6-4S-PE	1SNK506152R0000	25	19.40



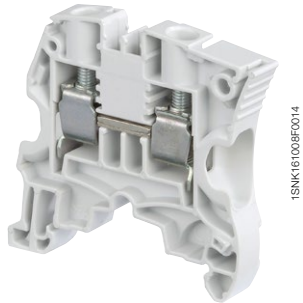
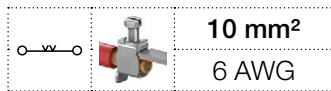
Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

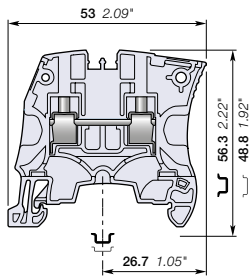


# ZS10 screw clamp terminal blocks

## Feed-through - 8 mm 0.315 in spacing



ZS10



8 mm 0.315 in spacing

### Description

- Save space by connecting conductors up to 10 mm<sup>2</sup> (without insulated ferrule, CB certified) 6 AWG in just 8 mm 0.315 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS10	1SNK508010R0000	50	14.10
	Blue	ZS10-BL	1SNK508020R0000	50	14.10
	Orange	ZS10-OR	1SNK508030R0000	50	14.10
	Yellow	ZS10-YL	1SNK508060R0000	50	14.10
	Green	ZS10-GN	1SNK508061R0000	50	14.10
	Red	ZS10-RD	1SNK508062R0000	50	14.10
	Purple	ZS10-PR	1SNK508063R0000	50	14.10
	Brown	ZS10-BR	1SNK508064R0000	50	14.10
	White	ZS10-WH	1SNK508065R0000	50	14.10
	Black	ZS10-BK	1SNK508066R0000	50	14.10

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Wire stripping length	12 mm 0.472 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
	Gauge	A5-B5			
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
	Flexible	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
Rated current / Rated cross section		57 A / 10 mm <sup>2</sup>	42 A / 6 AWG		
Rated short-time withstand current (1s)		1200 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Increased safety Ex e 693 V 57 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/IIIC - 600 V 42 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
9 Protecting covers	Transparent	PL8	1SNK900620R0000	10	2.60	
10 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
		Universal wire markers holder	MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

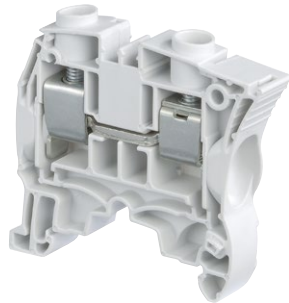
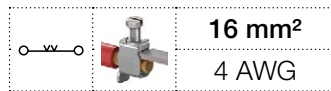
### Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS10-PE	1SNK508150R0000	20	22.50

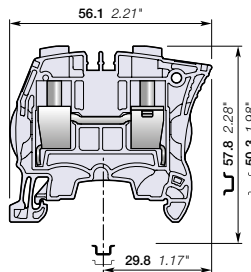
Technical data valid for copper conductors only.

# ZS16 screw clamp terminal blocks

## Feed-through - 10 mm 0.394 in spacing



ZS16



10 mm 0.394 in spacing

### Description

- Save space by connecting conductors up to 16 mm<sup>2</sup> (without insulated ferrule, CB certified) 4 AWG in just 10 mm 0.394 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	ZS16	1SNK510010R0000	25	20.20
	Blue <input type="checkbox"/>	ZS16-BL	1SNK510020R0000	25	20.20
	Orange <input type="checkbox"/>	ZS16-OR	1SNK510030R0000	25	20.20

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 16 mm <sup>2</sup>		Wire stripping length	13.5 mm 0.531 in
	with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG	Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
	with insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG		
Gauge		A6-B6		Torque	1.8 Nm ± 0.2 15.9 lb.in ± 1.77
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm <sup>2</sup>	20 ... 10 AWG		
	Flexible	0.5 ... 6 mm <sup>2</sup>			
	with twin ferrule	0.5 ... 6 mm <sup>2</sup>	20 ... 10 AWG		
Rated current / Rated cross section		76 A / 16 mm <sup>2</sup>	67 A / 4 AWG		
Rated short-time withstand current (1s)		1920 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 76 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 67 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U			

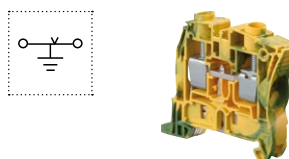
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g		
1 End stops	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00		
2 End sections	Dark grey <input type="checkbox"/>	ES4	1SNK505910R0000	20	2.20		
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	76 A (IEC) JB10-2	1SNK910302R0000	50	4.60	
		3 poles	76 A (IEC) JB10-3	1SNK910303R0000	50	7.10	
		4 poles	76 A (IEC) JB10-4	1SNK910304R0000	40	9.40	
		5 poles	76 A (IEC) JB10-5	1SNK910305R0000	30	12.00	
		10 poles	76 A (IEC) JB10-10	1SNK910310R0000	20	24.00	
4 Cross spacing jumpers	Orange <input type="checkbox"/>	3 poles	32 A (IEC) JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey <input type="checkbox"/>	0 mm	0 in	CS	1SNK900101R0000	20	0.20
		3 mm	0.118 in	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70	
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40	
7 Protecting covers	Transparent <input type="checkbox"/>	PL10	1SNK900621R0000	10	3.10		
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNK8041791R0612	1680	0.27	
		Blank card	MC812	1SNK160000R0000	22	10.00	
			MC812PA	1SNK169999R0000	20	14.00	
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground screw clamp terminal blocks

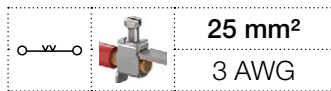
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZS16-PE	1SNK510150R0000	20	32.00

Technical data valid for copper conductors only.

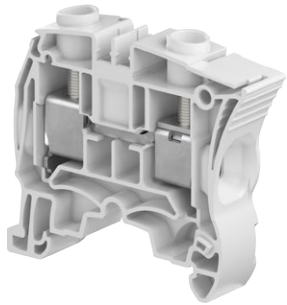
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# ZS25 screw clamp terminal blocks

## Feed-through - 12 mm 0.472 in spacing

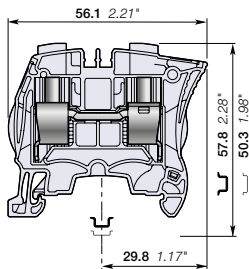


25 mm<sup>2</sup>  
3 AWG



1SNK161081V0014

ZS25



12 mm 0.472 in spacing

### Description

- Save space by connecting conductors up to 25 mm<sup>2</sup> (without insulated ferrule, CB certified) 3 AWG in just 12 mm 0.472 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey <input type="checkbox"/>	ZS25	1SNK512010R0000	25	21.40
	Blue <input type="checkbox"/>	ZS25-BL	1SNK512020R0000	25	21.40
	Yellow <input type="checkbox"/>	ZS25-YL	1SNK512060R0000	25	21.40

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm <sup>2</sup>	24 ... 3 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 25 mm <sup>2</sup>		Wire stripping length	13.5 mm 0.531 in
	with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG		
	with insulated ferrule	0.5 ... 16 mm <sup>2</sup>	24 ... 8 AWG		
	Gauge	A6-B6			
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	20 ... 10 AWG	Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
	Flexible	0.5 ... 10 mm <sup>2</sup>	20 ... 10 AWG		
	with twin ferrule	0.5 ... 10 mm <sup>2</sup>	20 ... 10 AWG		
Rated current / Rated cross section		76 A / 16 mm <sup>2</sup>	100 A / 3 AWG	Torque	1.8 Nm ± 0.2 15.9 lb.in ± 1.77
Maximum current / Maximum cross section		101 A / 25 mm <sup>2</sup>			
Rated short-time withstand current (1s)		1920 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		693 V 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III-C - 600 V 100 A			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 End sections 2.2 mm 0.087 in	Dark grey <input type="checkbox"/>	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 76 A (IEC)	JB12-2	1SNK912302R0000	50	4.90
		3 poles 76 A (IEC)	JB12-3	1SNK912303R0000	50	7.60
		5 poles 76 A (IEC)	JB12-5	1SNK912305R0000	20	12.90
4 Cross spacing jumpers 3 poles 32 A (IEC)	Orange <input type="checkbox"/>	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey <input type="checkbox"/>	0 mm 0 in	CS	1SNK900101R0000	20	0.20
		3 mm 0.118 in	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Protecting covers 10 mm 0.394 in spacing	Transparent <input type="checkbox"/>	PL10	1SNK900621R0000	10	3.10	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



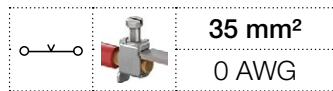
### Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Profile aligned with ZS25	Green-yellow <input type="checkbox"/>	ZS25-PE	1SNK512150R0000	20	38.00

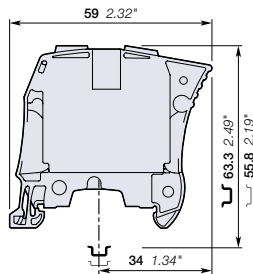
Technical data valid for copper conductors only.

# ZS35 screw clamp terminal blocks

## Feed-through - 16 mm 0.630 in spacing



ZS35



16 mm 0.630 in spacing

### Description

Closed terminal block:

- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Closed block	Grey <input type="checkbox"/>	ZS35	1SNK516010R0000	20	53.40
	Blue <input type="checkbox"/>	ZS35-BL	1SNK516020R0000	20	53.40
	Orange <input type="checkbox"/>	ZS35-OR	1SNK516030R0000	20	53.40

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm <sup>2</sup>	10 ... 0 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	6 ... 35 mm <sup>2</sup>		Wire stripping length	17 mm 0.669 in
	with non insulated ferrule	4 ... 35 mm <sup>2</sup>	10 ... 2 AWG		
	with insulated ferrule	4 ... 35 mm <sup>2</sup>	10 ... 2 AWG		
2 conductors per clamp	Gauge	A9-B9		Tool	Flat screwdriver Ø 6.5 mm Ø 0.256 in
	Rigid - Solid / Stranded	6 ... 16 mm <sup>2</sup>	10 ... 6 AWG		
	Flexible	6 ... 16 mm <sup>2</sup>			
	with twin ferrule	4 ... 10 mm <sup>2</sup>	12 ... 8 AWG	Torque	2.9 Nm ± 0.1 25.7 lb.in ± 0.885
Rated current / Rated cross section		125 A / 35 mm <sup>2</sup>	150 A / 0 AWG		
Rated short-time withstand current (1s)		4200 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP10	NEMA 1		
Increased safety Ex e		693 V 125 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 150 A UL 60079-7 - Class I, Zone 1, AEx e II			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

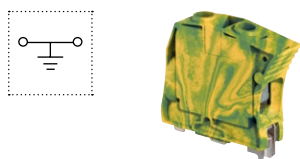


### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB16-2	1SNK916302R0000	10	10.00
		3 poles	JB16-3	1SNK916303R0000	10	16.00
		4 poles	JB16-4	1SNK916304R0000	10	22.00
		5 poles	JB16-5	1SNK916305R0000	10	28.00
		10 poles	JB16-10	1SNK916310R0000	10	56.60
3 Circuit separators	Dark grey <input type="checkbox"/>	CS-R1	1SNK900103R0000	20	5.20	
4 Protecting covers	Transparent <input type="checkbox"/>	PL16	1SNK900622R0000	10	4.60	
5 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
		MC812	1SNK160000R0000	22	10.00	
		MC812PA	1SNK169999R0000	20	14.00	
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground screw clamp terminal blocks

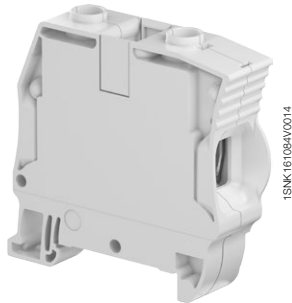
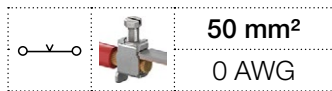
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow <input type="checkbox"/>	ZS35-PE	1SNK516150R0000	20	81.80

Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

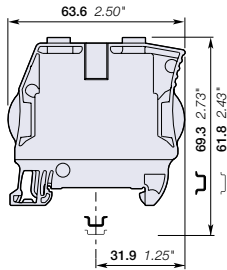
# ZS50 screw clamp terminal blocks

## Feed-through - 16 mm 0.630 in spacing



1SNK161084V0014

ZS50



16 mm 0.630 in spacing

### Description

Combine high performance with compact dimensions:

- Connect conductors up to 50 mm<sup>2</sup> (CB certified) 0 AWG in just 16 mm 0.630 in spacing,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL,
- Closed terminal block: no end section needed, optimized rigidity.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Feed-through Closed block	Grey	ZS50	1SNK516011R0000	20	52.90
	Blue	ZS50-BL	1SNK516021R0000	20	52.90
	Yellow	ZS50-YL	1SNK516060R0000	20	52.90
	Red	ZS50-RD	1SNK516063R0000	20	52.90
	Black	ZS50-BK	1SNK516064R0000	20	52.90

### Main technical data

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	
	Flexible	1 ... 50 mm <sup>2</sup>		
	with non insulated ferrule	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	
	with insulated ferrule	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	
Gauge	Dia. 11			
2 conductors per clamp	Rigid - Solid / Stranded	1 ... 25 mm <sup>2</sup>	18 ... 4 AWG	
	Flexible	1 ... 25 mm <sup>2</sup>		
	with twin ferrule	1 ... 16 mm <sup>2</sup>	18 ... 4 AWG	
Rated current / Rated cross section	150 A / 50 mm <sup>2</sup>	140 A / 0 AWG		
Rated short-time withstand current (1s)	6000 A			
Short Circuit Current Rating (with specific conditions)		100 kA		
Rated voltage	1000 V	1000 V		
Impulse withstand voltage	8000 V			
Protection	IP10	NEMA 1		
Increased safety Ex e	880 V 150 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC			

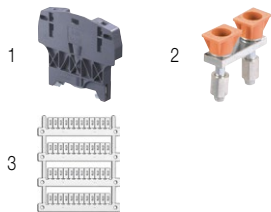
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 Jumper bars	Orange	2 poles 125 A (IEC)	JB16-2	1SNK916302R0000	10	10.00
		3 poles 125 A (IEC)	JB16-3	1SNK916303R0000	10	16.00
		4 poles 125 A (IEC)	JB16-4	1SNK916304R0000	10	22.00
		5 poles 125 A (IEC)	JB16-5	1SNK916305R0000	10	28.00
		10 poles 125 A (IEC)	JB16-10	1SNK916310R0000	10	56.60
3 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



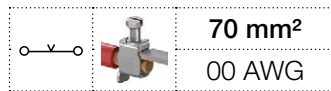
### Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Ground Profile aligned with ZS50	Green-yellow	ZS50-PE	1SNK516151R0000	20	83.00

Technical data valid for copper conductors only.

# ZS70 screw clamp terminal blocks

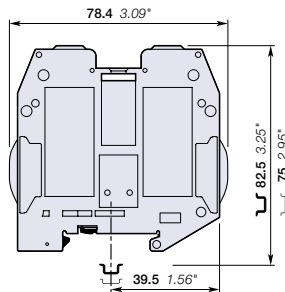
## Feed-through - 22 mm 0.866 in spacing



70 mm<sup>2</sup>  
00 AWG



ZS70



22 mm 0.866 in spacing

### Description

Closed terminal block:

- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL.

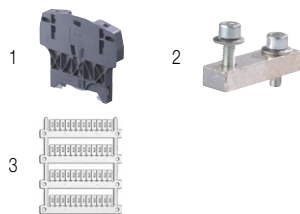
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Closed block	Grey	ZS70	1SNK522010R0000	10	158.10
	Blue	ZS70-BL	1SNK522020R0000	10	158.10
	Yellow	ZS70-YL	1SNK522060R0000	10	158.10

### Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	16 ... 95 mm <sup>2</sup>	4 ... 00 AWG
	Flexible	16 ... 70 mm <sup>2</sup>	
	with non insulated ferrule	16 ... 50 mm <sup>2</sup>	
	with insulated ferrule	16 ... 50 mm <sup>2</sup>	
Gauge		B11	
2 conductors per clamp	Rigid - Solid / Stranded	16 ... 35 mm <sup>2</sup>	4 ... 2 AWG
	Flexible	16 ... 35 mm <sup>2</sup>	
	with twin ferrule	16 mm <sup>2</sup>	6 AWG
Rated current / Rated cross section		192 A / 70 mm <sup>2</sup>	159 A / 00 AWG
Rated short-time withstand current (1s)		8400 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	1000 V
Impulse withstand voltage		8000 V	
Protection		IP10	NEMA 1
Increased safety Ex e		693 V 192 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III - 600 V 159 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

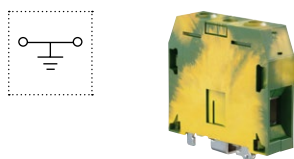


### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 Jumper bars		2 poles	JB22-2	1SNK922302R0000	5	27.00
		3 poles	JB22-3	1SNK922303R0000	5	43.30
		5 poles	JB22-5	1SNK922305R0000	5	76.10
		10 poles	JB22-10	1SNK922310R0000	5	157.40
		Blank marker	White	MG-CPM 13 41791	1SNB041791R0612	1680
3 Terminal block markers		Blank card	MC812	1SNK160000R0000	22	10.00
		Blank card	MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground screw clamp terminal blocks

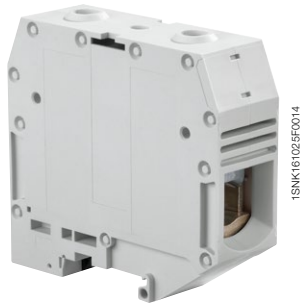
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS70-PE	1SNK522150R0000	10	222.00

Technical data valid for copper conductors only.

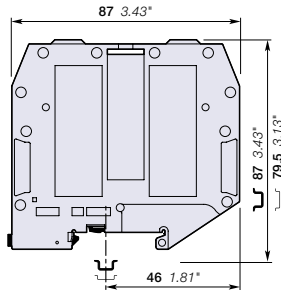
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# ZS95 screw clamp terminal blocks

## Feed-through - 26 mm 1.024 in spacing



ZS95



26 mm 1.024 in spacing

### Description

Closed terminal block:

- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL.

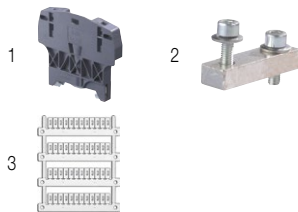
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through Closed block	Grey <input type="checkbox"/>	ZS95	1SNK526010R0000	10	215.10
	Blue <input type="checkbox"/>	ZS95-BL	1SNK526020R0000	10	215.10
	Yellow <input type="checkbox"/>	ZS95-YL	1SNK526060R0000	10	215.10

### Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	35 ... 120 mm <sup>2</sup>	Rail
	Flexible with non insulated ferrule	35 ... 95 mm <sup>2</sup>	
	Flexible with insulated ferrule	35 ... 50 mm <sup>2</sup>	Wire stripping length
	Gauge	B12	
2 conductors per clamp	Rigid - Solid / Stranded	25 ... 35 mm <sup>2</sup>	Tool
	Flexible with twin ferrule	25 ... 35 mm <sup>2</sup>	
		16 mm <sup>2</sup>	Torque
Rated current / Rated cross section		232 A / 95 mm <sup>2</sup>	230 A / 0000 AWG
Rated short-time withstand current (1s)		11400 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	1000 V
Impulse withstand voltage		8000 V	
Protection		IP10	NEMA 1
Increased safety Ex e		693 V 232 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III C - 600 V 230 A UL 60079-7 - Class I, Zone 1, AEx e II	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

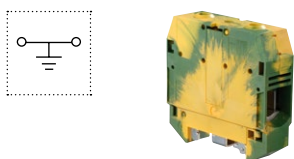


### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00
2 Jumper bars		JB26-2	1SNK926302R0000	5	41.20
		JB26-3	1SNK926303R0000	5	65.70
		JB26-5	1SNK926305R0000	5	115.70
		JB26-10	1SNK926310R0000	5	241.50
3 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Profile aligned with ZS95	Green-yellow <input type="checkbox"/>	ZS95-PE	1SNK526150R0000	10	278.00

Technical data valid for copper conductors only.

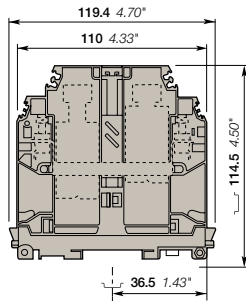


# ZS150 screw clamp terminal blocks

## Feed-through - 31 mm 1.220 in spacing



ZS150



31 mm 1.220 in spacing

### Description

- Perfectly adapted to solar applications : 1500V DC (1000V AC) IEC and 1000V UL,
- Closed terminal block: no end section needed, optimized rigidity,
- Ease your voltage monitoring or distribution with the 2 built-in derivations,
- Use of jumper bars requires the user to cut-out the partition.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Closed block with 2 x 10 mm <sup>2</sup> derivations.	Grey <input type="checkbox"/>	ZS150	1SNK531010R0000	5	318.00
	Blue <input type="checkbox"/>	ZS150-BL	1SNK531020R0000	5	318.00
	Yellow <input type="checkbox"/>	ZS150-YL	1SNK531060R0000	5	318.00

### Main technical data

Connecting capacity	IEC	UL	CSA	Mounting instructions
<b>Main circuit with 1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with insulated ferrule Gauge: B14	35 ... 185 mm <sup>2</sup> 50 ... 150 mm <sup>2</sup>	2 ... 350 Kcmil	2 ... 350 Kcmil
<b>Derivation with 1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible Gauge: B6	0.5 ... 16 mm <sup>2</sup> 0.5 ... 10 mm <sup>2</sup>	20 ... 8 AWG	20 ... 8 AWG
<b>Rated current / Rated cross section</b>	Main circuit Derivation	Copper Aluminium	309 A / 150 mm <sup>2</sup> 57 A / 10 mm <sup>2</sup>	310 A / 350 Kcmil 50 A / 8 AWG
<b>Rated short-time withstand current (1s)</b>		18000 A		
<b>Rated voltage</b>	V AC V DC	1000 V 1500	1000 V	1000 V
<b>Impulse withstand voltage</b>		12000 V		
<b>Protection</b>		IP10	NEMA 1	
<b>Increased safety Ex e</b>		1000 V 309 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIc		

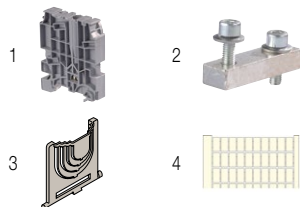
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 <b>End stops</b>	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	20.00	
	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 <b>Jumper bars</b>		BJMI31.2	1SNA206053R0700	1	120.00	
		BJMI31.3	1SNA206054R0000	1	190.00	
3 <b>Protecting covers</b>		CPBP1	1SNA399788R1600	20	0.40	
4 <b>Terminal block markers</b>		RC1010	1SNA238000R1600	10	1.30	
		MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
		MC812	1SNK160000R0000	22	10.00	
		MC812PA	1SNK169999R0000	20	14.00	
	Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

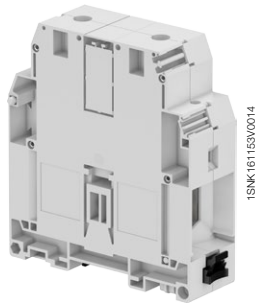
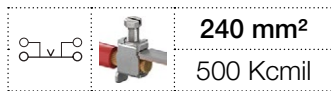


Technical data valid for copper conductors only.

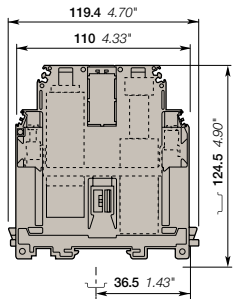
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS240 screw clamp terminal blocks

## Feed-through - 36 mm 1.417 in spacing



ZS240



36 mm 1.417 in spacing

### Description

- Perfectly adapted to solar applications : 1500V DC (1000V AC) IEC and 1000V UL,
- UL Certified for aluminum cables use - Closed terminal block: no end section needed, optimized rigidity,
- Ease your voltage monitoring or distribution with the 2 built-in derivations,
- Use of jumper bars requires the user to cut-out the partition.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through Closed block with 2 x 10 mm <sup>2</sup> derivations.	Grey <input type="checkbox"/>	ZS240	1SNK536010R0000	5	366.00
	Blue <input type="checkbox"/>	ZS240-BL	1SNK536020R0000	5	366.00
	Yellow <input type="checkbox"/>	ZS240-YL	1SNK536060R0000	5	366.00

### Main technical data

Connecting capacity		IEC	UL	CSA	Mounting instructions		
					Rail		
Main circuit with 1 conductor per clamp	Rigid - Solid / Stranded	50 ... 300 mm <sup>2</sup>	0 ... 500 Kcmil	0 ... 500 Kcmil	Main circuit	38 mm 1.496 in Allen key Ø 8 mm Ø 0.315 in 25 Nm 221.3 lb.in	
	Flexible with insulated ferrule	50 ... 240 mm <sup>2</sup>					
Derivation with 1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm <sup>2</sup>	20 ... 8 AWG	20 ... 8 AWG	Derivation	12 mm 0.47 in Flat screwdriver Ø 4 mm Ø 0.157 in 1.2 Nm ... 1.4 Nm 10.6 lb.in ... 12.3 lb.in	
	Flexible	0.5 ... 10 mm <sup>2</sup>	20 ... 8 Kcmil	20 ... 8 Kcmil			
Rated current / Rated cross section							
Main circuit		Copper 415 A / 240 mm <sup>2</sup>	380 A / 500 Kcmil	380 A / 500 Kcmil			
Derivation		Aluminium 57 A / 10 mm <sup>2</sup>	50 A / 8 AWG	50 A / 8 AWG			
Rated short-time withstand current (1s)		28800 A					
Rated voltage		V AC 1000 V	1000 V	1000 V			
V DC		1500					
Impulse withstand voltage		12000 V					
Protection		IP10	NEMA 1				
Increased safety Ex e		1000 V 415 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC					

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

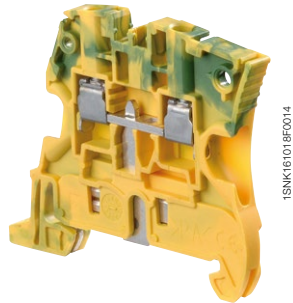
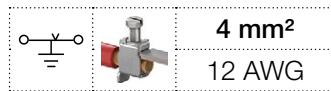
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Grey <input type="checkbox"/>	BADH	1SNA116900R2700	50	20.00	
2 Jumper bars		2 poles	BJMI36.2	1SNA206126R2500	1	170.00
		3 poles	BJMI36.3	1SNA206223R0600	1	260.00
3 Protecting covers		CPBP2	1SNA399787R0500	20	1.30	
4 Terminal block markers	White <input type="checkbox"/>	Blank card	RC1010	1SNA238000R1600	10	1.30
		Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
		Blank card	MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

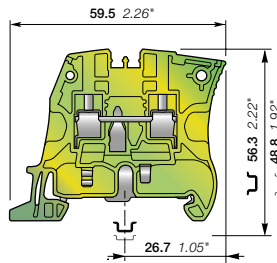
Technical data valid for copper conductors only.

# ZS4-PE screw clamp terminal blocks

Ground - 5.2 mm 0.205 in spacing



ZS4-PE



5.2 mm 0.205 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS4-PE	1SNK505150R0000	20	12.10

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
	Gauge	A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated cross section		4 mm <sup>2</sup>	12 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A	396 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

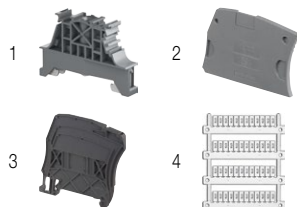


## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

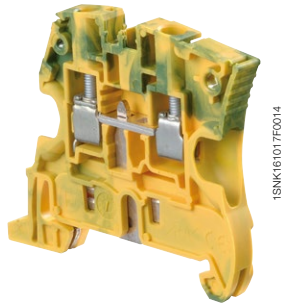
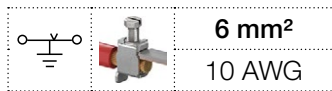


Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

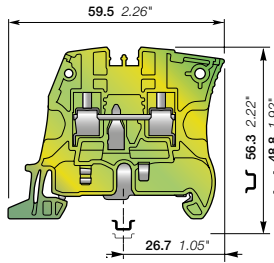
# ZS6-PE screw clamp terminal blocks

Ground - 6 mm 0.236 in spacing



1SNK16101TF0014

ZS6-PE



6 mm 0.236 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Screwless rail connection	Green-yellow	ZS6-PE	1SNK506150R000	20	13.70

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.2 ... 6 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	Gauge	A4-B3		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		6 mm <sup>2</sup>	10 AWG	Torque	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
Rated short-time withstand current (1s)		720 A	636 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb III/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

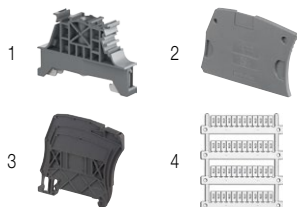
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections 2.2 mm 0.087 in	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Circuit separators 3 mm 0.118 in	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

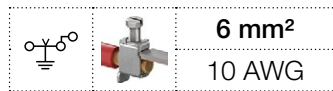
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



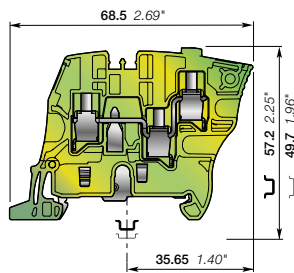
Technical data valid for copper conductors only.

# ZS6-3S-PE screw clamp terminal blocks

Ground with 3 connections - 6 mm 0.236 in spacing



ZS6-3S-PE



6 mm 0.236 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- rail contact non operator dependent, secured snap on or off the rail,
- Same profile as ZS6-3S for aligned marking and identical end section.

## Ordering details

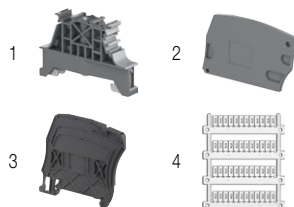
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS6-3S-PE	1SNK506151R0000	25	16.20

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 6 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A4-B3		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		4 mm <sup>2</sup>	10 AWG	Torque	0.75 Nm ± 0.05 6.64 lb.in ± 0.443
Maximum cross section		6 mm <sup>2</sup>			
Rated short-time withstand current (1s)		480 A	636 A		
Maximum short-time withstand current (1s)		480 A		Protection	IP20 NEMA 1

**Explosive atmosphere classification** IM2 II 2 GD Ex eb I/IIIC - Class I, Zone 1, AEx e II

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES6-3S	1SNK505912R0000	20	2.50
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

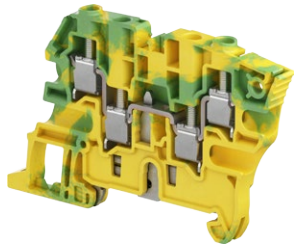
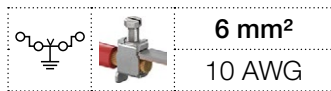
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

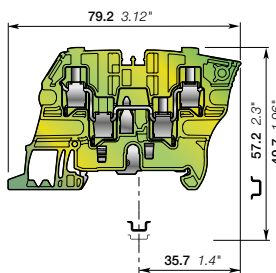
Technical data valid for copper conductors only.

# ZS6-4S-PE screw clamp terminal blocks

Ground with 4 connections - 6 mm 0.236 in spacing



ZS6-4S-PE



6 mm 0.236 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- rail contact non operator dependent, secured snap on or off the rail,
- Same profile as ZS6-4S for aligned marking and identical end section.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS6-4S-PE	1SNK506152R0000	25	19.40

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22... 6 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A4-B3		Torque	0.75 Nm ± 0.05 6.64 lb.in ± 0.443
Rated cross section		4 mm <sup>2</sup>	10 AWG		
Maximum cross section		6 mm <sup>2</sup>			
Rated short-time withstand current (1s)		480 A	636 A		
Maximum short-time withstand current (1s)		480 A		Protection	IP20 NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIIC - Class I, Zone 1, AEx e II			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

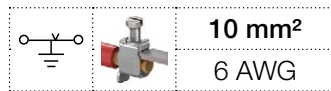
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections 2.2 mm 0.087 in	Dark grey	ES6-4S	1SNK505911R0000	20	3.10
3 Circuit separators 3 mm 0.118 in	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

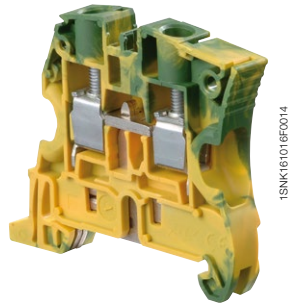
Technical data valid for copper conductors only.

# ZS10-PE screw clamp terminal blocks

Ground - 8 mm 0.315 in spacing

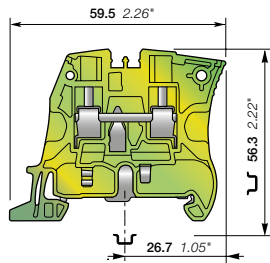


10 mm<sup>2</sup>  
6 AWG



1SNK161016F0014

ZS10-PE



8 mm 0.315 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS10-PE	1SNK508150R0000	20	22.50

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Wire stripping length	12 mm 0.472 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG		
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 8 AWG		
	Gauge	A5-B5		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		10 mm <sup>2</sup>	6 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
Rated short-time withstand current (1s)		1200 A	1596 A		
Protection		IP20	NEMA 1		
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIIC - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

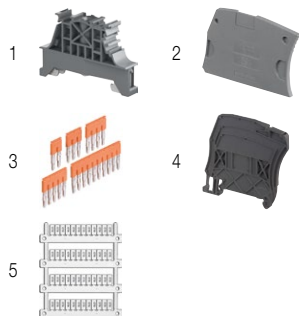


## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
4 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
5 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

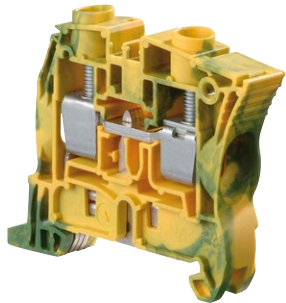
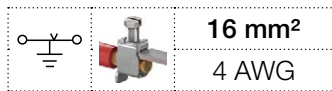


Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

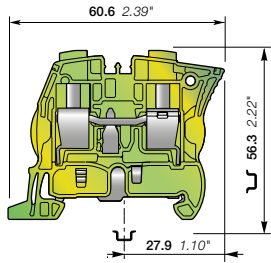
# ZS16-PE screw clamp terminal blocks

Ground - 10 mm 0.394 in spacing



1SNK161019F0014

ZS16-PE



10 mm 0.394 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail,
- PE.N function available by combining ZS16-PE with ZS16-BL and 2 poles jumper bar JB10-2.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Screwless rail connection	Green-yellow	ZS16-PE	1SNK510150R0000	20	32.00

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions			
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG	Rail		TH 35-7.5, TH 35-15
	Flexible	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG	Wire stripping length		13.5 mm 0.531 in
	with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG			
	with insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG			
Gauge	A6-B6			Tool		Flat screwdriver Ø 5.5 mm Ø 0.217 in
Rated cross section	16 mm <sup>2</sup>	4 AWG		Torque		1.8 Nm ± 0.2 15.9 lb.in ± 1.77
Rated short-time withstand current (1s)	1920 A	2544 A				
Protection	IP20	NEMA 1				
Explosive atmosphere classification	IM2 II 2 GD Ex eb III/IIIC - Class I, Zone 1, AEx e II, Ex e II U					

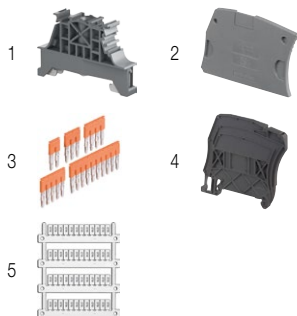
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Jumper bars	Orange	JB10-2	1SNK910302R0000	50	4.60
4 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
5 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
	MC812PA	1SNK169999R0000	20	14.00	
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

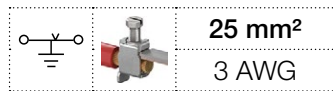


Technical data valid for copper conductors only.

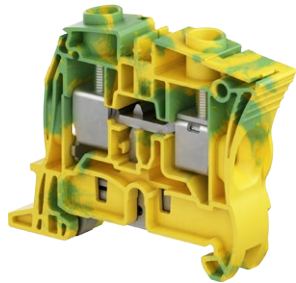


# ZS25-PE screw clamp terminal blocks

Ground - 12 mm 0.472 in spacing

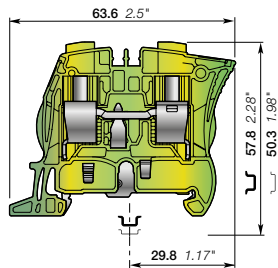


25 mm<sup>2</sup>  
3 AWG



1SNK161092V0014

ZS25-PE



12 mm 0.472 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- rail contact non operator dependent, secured snap on or off the rail,
- Same profile as ZS25 for aligned marking and identical end section.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS25-PE	1SNK512150R0000	20	38.00

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm <sup>2</sup>	24 ... 3 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 25 mm <sup>2</sup>		Wire stripping length	13.5 mm 0.531 in
	with non insulated ferrule	0.5 ... 16 mm <sup>2</sup>	24 ... 4 AWG		
	with insulated ferrule	0.5 ... 16 mm <sup>2</sup>	24 ... 8 AWG		
Gauge		A6-B6		Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
Rated cross section		16 mm <sup>2</sup>	3 AWG	Torque	1.8 Nm ± 0.2 15.9 lb.in ± 1.77
Maximum cross section		25 mm <sup>2</sup>			
Rated short-time withstand current (1s)		1920 A	3204 A		
Maximum short-time withstand current (1s)		3000 A			
Protection		IP20	NEMA 1		

## Explosive atmosphere classification

IM2 II 2 GD Ex eb I/IIIC - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

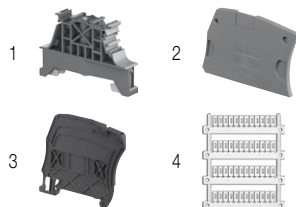


## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

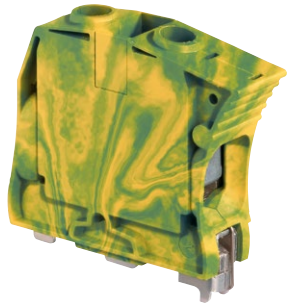
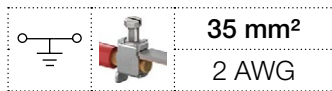


Technical data valid for copper conductors only.

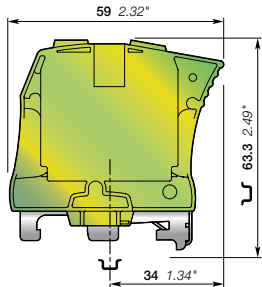
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# ZS35-PE screw clamp terminal blocks

Ground - 16 mm 0.630 in spacing



ZS35-PE



16 mm 0.630 in spacing

## Description

Reliable electrical and mechanical contact with the rail that exceeds the requirements of IEC 60947-7-2 terminal block standard.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Screw rail connection	Green-yellow	ZS35-PE	1SNK516150R0000	20	81.80 g

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm <sup>2</sup>	10 ... 2 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	6 ... 35 mm <sup>2</sup>	10 ... 2 AWG	Wire stripping length	17 mm 0.669 in
	with non insulated ferrule	4 ... 35 mm <sup>2</sup>	10 ... 2 AWG	Tool	Flat screwdriver Ø 6.5 mm Ø 0.256 in
	with insulated ferrule	4 ... 35 mm <sup>2</sup>	10 ... 2 AWG	Screw clamp	
Gauge		A9		Rail connection screw	Ø 5.5 Ø 0.217
Rated cross section		35 mm <sup>2</sup>	2 AWG	Torque	2.65 Nm ± 0.15 23.4 lb.in ± 1.33
Rated short-time withstand current (1s)		4200 A	4032 A	Screw clamp	
Protection		IP10	NEMA 1	Rail connection screw	1.6 Nm ± 0.15 Nm 14.2 lb.in ± 1.33 lb.in
Explosive atmosphere classification		IM2 II 2 GD Ex eb III/IIIC - Class I, Zone 1, AEx e II			

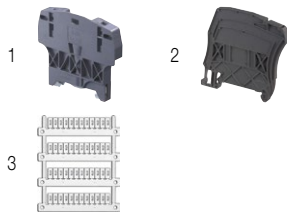
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
3 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

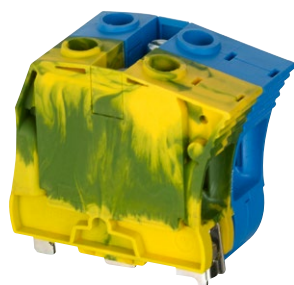
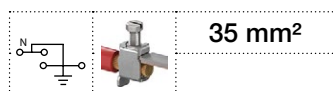
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



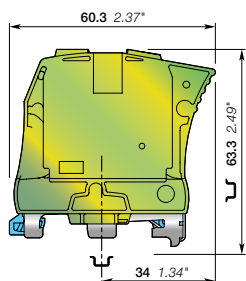
Technical data valid for copper conductors only.

# ZS35-PEN screw clamp terminal blocks

## Ground + neutral - 32 mm 1.260 in spacing



ZS35-PEN



32 mm 1.260 in spacing

### Description

Simplify your PE.N connection with ZS35-PE block connected to ZS35-BL through a pre-mounted jumper.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground + neutral	Green-yellow	ZS35-PEN	1SNK516170R0000	10	236.00

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm <sup>2</sup>		Rail	TH 35-7.5, TH 35-15
	Flexible	6 ... 35 mm <sup>2</sup>		Wire stripping length	17 mm 0.669 in
	with non insulated ferrule	6 ... 35 mm <sup>2</sup>	10 ... 2 AWG	Tool	Flat screwdriver
	with insulated ferrule	6 ... 35 mm <sup>2</sup>		Screw clamp	Ø 6.5 mm Ø 0.256 in
Gauge		A9		Rail connection screw	Ø 5.5 Ø 0.217
Rated cross section		35 mm <sup>2</sup>		Torque	
Rated short-time withstand current (1s)		4200 A		Screw clamp	2.65 Nm ± 0.15 23.5 lb.in ± 1.33
Protection		IP10	NEMA 1	Rail connection screw	1.6 Nm ± 0.15 Nm 14.2 lb.in ± 1.33 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	EAC								
CE	RoHS	EAC								



### Accessories

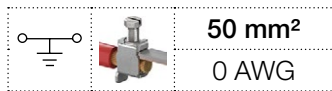
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

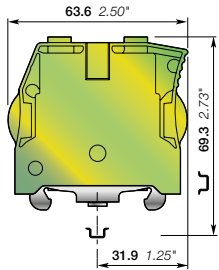
Technical data valid for copper conductors only.

# ZS50-PE screw clamp terminal blocks

Ground - 16 mm 0.630 in spacing



ZS50-PE



16 mm 0.630 in spacing

## Description

– Reliable electrical and mechanical contact with the rail that exceeds the requirements of the IEC 60947-7-2 terminal block standard.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Screw rail connection	Green-yellow	ZS50-PE	1SNK516151R0000	20	83.00

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	Wire stripping length	17 mm 0.669 in
	with non insulated ferrule	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	Tool	Flat screwdriver
	with insulated ferrule	1 ... 50 mm <sup>2</sup>	18 ... 0 AWG	Screw clamp	Ø 6.5 mm 0.256 in
Gauge		Dia. 11		Rail connection screw	Ø 6.5 0.256
Rated cross section		50 mm <sup>2</sup>	0 AWG	Torque	3 Nm ± 0.50
Rated short-time withstand current (1s)		6000 A	6420 A	Screw clamp	26.6 lb.in ± 4.43
Protection		IP10	NEMA 1	Rail connection screw	3 Nm ± 0.25 Nm 26.553 lb.in ± 2.21 lb.in
Explosive atmosphere classification		IM2 II 2 GD Ex eb III/IIIC - Class I, Zone 1, AEx e II			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

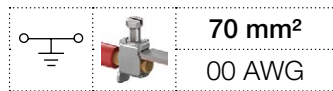
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
	MC812PA	1SNK169999R0000	20	14.00	
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZS70-PE screw clamp terminal blocks

Ground - 22 mm 0.866 in spacing



70 mm<sup>2</sup>  
00 AWG





## Description

Reliable electrical and mechanical contact with the rail that exceeds the requirements of IEC 60947-7-2 terminal block standard.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screw rail connection	Green-yellow	ZS70-PE	1SNK522150R000	10	222.00

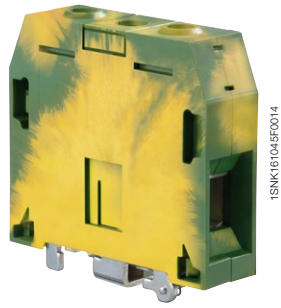
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b> Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	16 ... 95 mm <sup>2</sup> 16 ... 70 mm <sup>2</sup> 16 ... 50 mm <sup>2</sup> 16 ... 50 mm <sup>2</sup> B11	4 ... 00 AWG	<b>Rail</b>  TH 35-15  <b>Wire stripping length</b>  25 mm / 0.984 in  <b>Tool</b> Allen key Screw clamp Rail connection screw 
<b>Rated cross section</b> <b>Rated short-time withstand current (1s)</b>	70 mm <sup>2</sup> 8400 A	00 AWG 8088 A	<b>Torque</b> Screw clamp Rail connection screw 
<b>Protection</b>	IP10	NEMA 1	6.5 Nm ± 0.5 57.5 lb.in ± 4.43 1.9 Nm ± 0.1 Nm 16.82 lb.in ± 0.885 lb.in

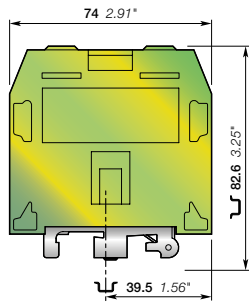
## Explosive atmosphere classification

IM2 II 2 GD Ex eb I/IIIC - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZS70-PE



22 mm 0.866 in spacing



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 <b>End stops</b> 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R000	20	24.00	
2 <b>Terminal block markers</b>	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
	Universal wire markers holder	Grey	UMH	1SNK169999R0000	20	14.00
			1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

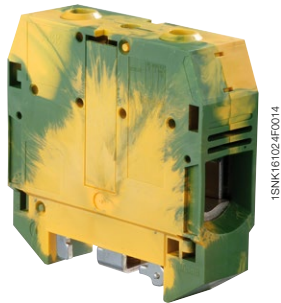
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

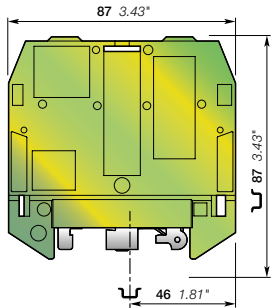
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# ZS95-PE screw clamp terminal blocks

Ground - 26 mm 1.024 in spacing



ZS95-PE



26 mm 1.024 in spacing



## Description

Reliable electrical and mechanical contact with the rail that exceeds the requirements of IEC 60947-7-2 terminal block standard.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Ground Screw rail connection	Green-yellow	ZS95-PE	1SNK526150R000	10	278.00

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	35 ... 120 mm <sup>2</sup>	2 ... 0000 AWG	Rail	TH 35-15
	Flexible	35 ... 95 mm <sup>2</sup>		Wire stripping length	26 mm 1.024 in
	with non insulated ferrule	35 ... 50 mm <sup>2</sup>		Tool	Allen key
	with insulated ferrule	35 ... 50 mm <sup>2</sup>		Screw clamp	Ø 6 mm Ø 0.236 in
Gauge		B12		Rail connection screw	Ø 4 Ø 0.158
Rated cross section		95 mm <sup>2</sup>	0000 AWG	Torque	9.25 Nm ± 0.25 81.7 lb.in ± 2.2
Rated short-time withstand current (1s)		11400 A	12840 A	Screw clamp	1.9 Nm ± 0.1 Nm 16.82 lb.in ± 0.885 lb.in
Protection		IP10	NEMA 1	Rail connection screw	16.82 lb.in ± 0.885 lb.in
Explosive atmosphere classification		IM2 II 2 GD Ex eb III/II C - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>.



## Accessories

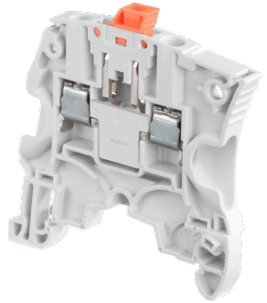
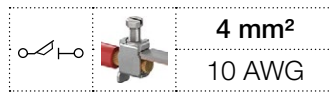
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

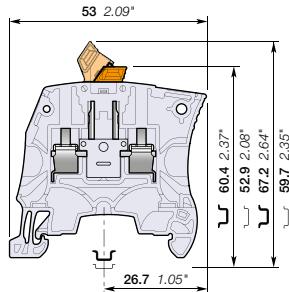
Technical data valid for copper conductors only.

# ZS4-S screw clamp terminal blocks

Disconnect with blade - 5.2 mm 0.205 in spacing



ZS4-S



5.2 mm 0.205 in spacing

## Description

- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

## Ordering details

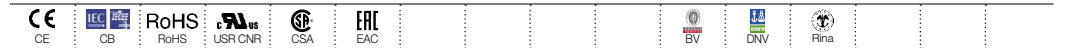
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4	Grey <input type="checkbox"/>	ZS4-S	1SNK505310R0000	50	8.60
	Blue <input type="checkbox"/>	ZS4-S-BL	1SNK505320R0000	50	8.60
	Orange <input type="checkbox"/>	ZS4-S-OR	1SNK505330R0000	50	8.60

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.2 ... 4 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 10 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
	Gauge	A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		25 A / 4 mm <sup>2</sup>	25 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 End sections 2.2 mm 0.087 in	Dark grey <input type="checkbox"/>	ES4	1SNK505910R0000	20	2.20	
3 Lateral jumper bars	Grey <input type="checkbox"/>	2 poles 30 A (IEC)	PC5-2	1SNA113542R1000	10	1.80
		10 poles 30 A (IEC)	PC5-10	1SNA113544R1200	10	6.00
4 Circuit separators 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R1	1SNK900103R0000	20	5.20	
5 Shield connectors		SHBS	1SNK900600R0000	20	3.50	
6 Protecting covers 5.2 mm 0.205 in spacing	Transparent <input checked="" type="checkbox"/>	PL5	1SNK900618R0000	10	1.50	
7 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

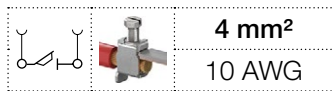


Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS4-S-T screw clamp terminal blocks

Disconnect with blade - with test socket - 5.2 mm 0.205 in spacing



4 mm<sup>2</sup>  
10 AWG

## Description

- Ease your test operations with the 2 built-in test sockets,
- Screwdriver or hand operated disconnect blade,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

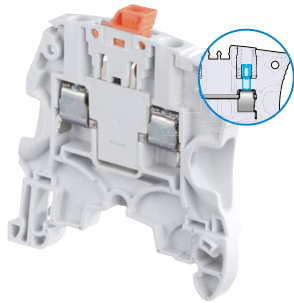
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4, with 2 test sockets DIA 2 mm 0.079 in	Grey <input type="checkbox"/>	ZS4-S-T2	1SNK505311R0000	50	8.90
	Blue <input type="checkbox"/>	ZS4-S-T2-BL	1SNK505321R0000	50	8.90
	Orange <input type="checkbox"/>	ZS4-S-T2-OR	1SNK505331R0000	50	8.90
	Grey <input type="checkbox"/>	ZS4-S-T2.3	1SNK505312R0000	50	8.80
Profile aligned with ZS4, with 2 test sockets DIA 2.3 mm 0.091 in					

## Main technical data

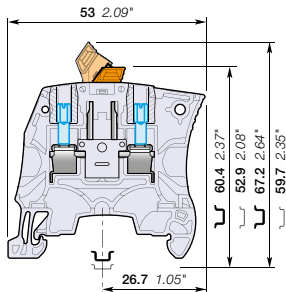
Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	10.5 mm 0.412 in
	0.22 ... 4 mm <sup>2</sup>	24 ... 10 AWG		
	0.22 ... 4 mm <sup>2</sup>	24 ... 10 AWG		
	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
2 conductors per clamp Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section	25 A / 4 mm <sup>2</sup>	25 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)	480 A			
Rated voltage	400 V	150 V		
Impulse withstand voltage	6000 V			
Protection	IP20	NEMA 1		

## Mounting instructions



1SNK161004R0014

ZS4-S-T



5.2 mm 0.205 in spacing

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	USF	CSA	EAC
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## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections 2.2 mm 0.087 in	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Lateral jumper bars 2 poles 30 A (IEC)	Grey	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
4 Circuit separators 3 mm 0.118 in	Dark grey	CS-R1	1SNK900103R0000	20	5.20
5 Shield connectors		SHBS	1SNK900600R0000	20	3.50
6 Protecting covers 5.2 mm 0.205 in spacing	Transparent	PL5	1SNK900618R0000	10	1.50
		MG-CPM 13 41790	1SNB041790R0512	1960	0.23
7 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

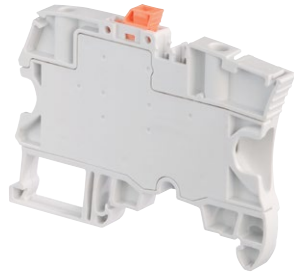
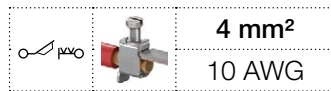


Technical data valid for copper conductors only.



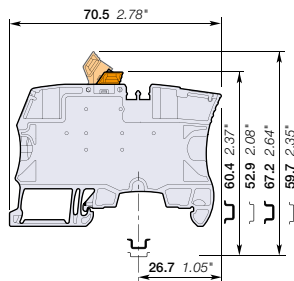
# ZS4-S-R1 screw clamp terminal blocks

## Disconnect with blade - 6 mm 0.236 in spacing



1SNK161003E0014

ZS4-S-R1



6 mm 0.236 in spacing

### Description

- Simplify the alternated distribution thanks to the two jumper channels aligned with ZS4 feed-through terminal blocks,
- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver.

### Ordering details

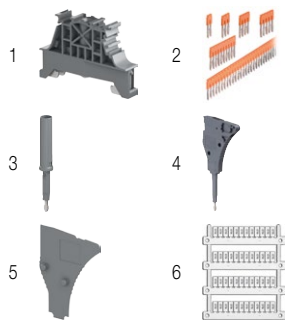
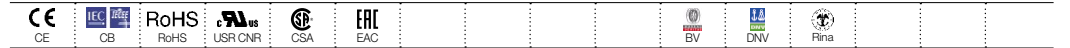
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4-SF	Grey	ZS4-S-R1	1SNK506310R0000	50	13.20
	Blue	ZS4-S-R1-BL	1SNK506320R0000	50	13.20
	Orange	ZS4-S-R1-OR	1SNK506330R0000	50	13.20

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
Gauge		A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG		
	Flexible with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
Rated current / Rated cross section		26 A / 4 mm²	26 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

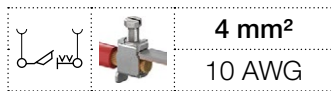
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
		Universal wire markers holder	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

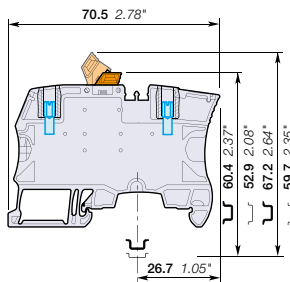
# ZS4-S-T-R1 screw clamp terminal blocks

Disconnect with blade - with test socket - 6 mm 0.236 in spacing



1SNK161035F0014

ZS4-S-T-R1



6 mm 0.236 in spacing

## Description

- Ease your test operations with the 2 built-in test sockets,
- Screwdriver or hand operated disconnect blade,
- Simplify the alternated distribution thanks to the two jumper channels aligned with ZS4 feed-through terminal blocks.

## Ordering details

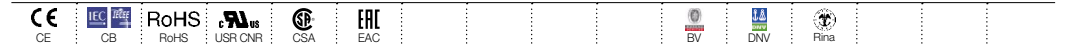
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4-SF, with 2 test sockets DIA 2 mm 0.079 in	Grey	ZS4-S-T2-R1	1SNK506311R0000	50	14.20
	Blue	ZS4-S-T2-R1-BL	1SNK506321R0000	50	14.20
	Orange	ZS4-S-T2-R1-OR	1SNK506331R0000	50	14.20
	Grey	ZS4-S-T2.3-R1	1SNK506312R0000	50	14.20
Profile aligned with ZS4-SF, with 2 test sockets DIA 2.3 mm 0.091 in					

## Main technical data

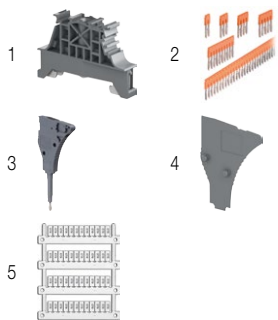
Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> A3-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm <sup>2</sup> 0.22 ... 1.5 mm <sup>2</sup> 0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG
<b>Rated current / Rated cross section</b>		26 A / 4 mm <sup>2</sup> 26 A / 10 AWG	
<b>Rated short-time withstand current (1s)</b>		480 A	
<b>Rated voltage</b>		400 V 150 V	
<b>Impulse withstand voltage</b>		6000 V	
<b>Protection</b>		IP20 NEMA 1	

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories



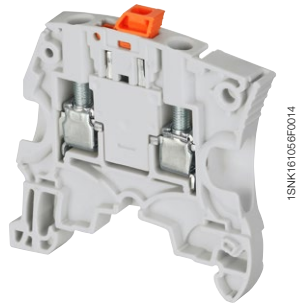
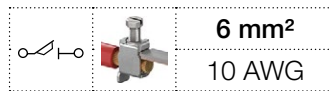
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 <b>End stops</b>	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 <b>Jumper bars</b>	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
3 <b>Test connectors</b>	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
4 <b>Spacers</b>	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
5 <b>Terminal block markers</b>	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

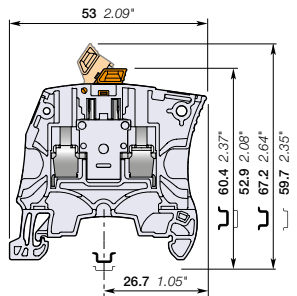
Technical data valid for copper conductors only.

# ZS6-S screw clamp terminal blocks

## Disconnect with blade - 6 mm 0.236 in spacing



ZS6-S



6 mm 0.236 in spacing

### Description

- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as ZS6 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS6	Grey <input type="checkbox"/>	ZS6-S	1SNK506315R0000	50	8.60
	Blue <input type="checkbox"/>	ZS6-S-BL	1SNK506322R0000	50	8.60

### Main technical data

Connecting capacity		IEC	UL - CSA	Rail	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	
	Flexible	0.22 ... 6 mm <sup>2</sup>			
	with non insulated ferrule	0.22 ... 6 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A4-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	
	Flexible	0.22 ... 2.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		25 A / 4 mm <sup>2</sup>	25 A / 10 AWG	Torque	
Maximum current / Maximum cross section		30 A / 6 mm <sup>2</sup>			
Rated short-time withstand current (1s)		480 A			
Rated voltage		500 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

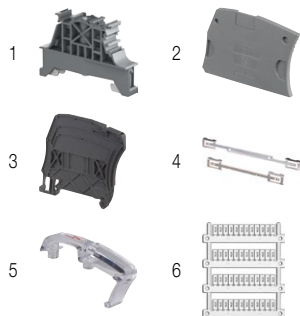


### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey <input checked="" type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
2 End sections 2.2 mm 0.087 in	Dark grey <input checked="" type="checkbox"/>	ES4	1SNK505910R0000	20	2.20
3 Circuit separators 3 mm 0.118 in	Dark grey <input checked="" type="checkbox"/>	CS-R1	1SNK900103R0000	20	5.20
4 Shield connectors		SHBS	1SNK900600R0000	20	3.50
5 Protecting covers 6 mm 0.236 in spacing	Transparent <input checked="" type="checkbox"/>	PL6	1SNK900619R0000	10	1.80
6 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

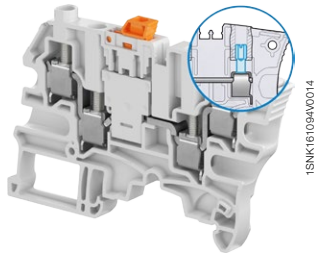
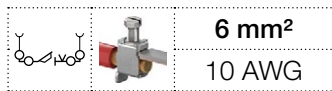


Technical data valid for copper conductors only.

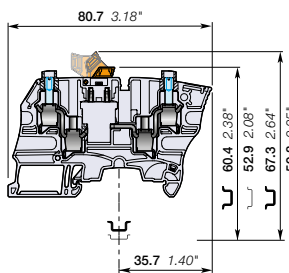
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# ZS6-S-4S-T screw clamp terminal blocks

Disconnect with blade - with test socket screws - 6 mm 0.236 in spacing



ZS6-S-4S-T



6 mm 0.236 in spacing

## Description

- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp,
- Ease your disconnect and test operations with the two built-in test socket screws,
- Simplify the alternated distribution thanks to the jumper channel.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Disconnect with 2 test sockets DIA 2 mm 0,079 in	Grey <input type="checkbox"/>	ZS6-S-4S-T2	1SNK506316R0000	50	18.40

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.22 ... 6 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.413 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Gauge	A4-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Torque	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
	Flexible with twin ferrule	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		27 A / 4 mm <sup>2</sup>	28 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Rated voltage		500 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

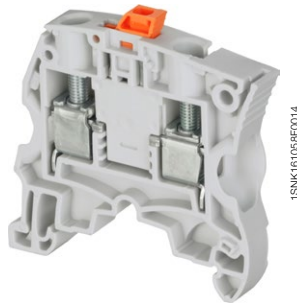
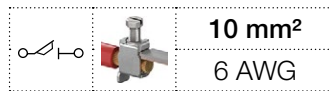
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey <input type="checkbox"/>	ES6-4S	1SNK505911R0000	20	3.10
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	1SNK906302R0000	50	1.30
		3 poles	1SNK906303R0000	50	2.10
		4 poles	1SNK906304R0000	50	2.90
		5 poles	1SNK906305R0000	50	3.60
		10 poles	1SNK906310R0000	20	7.40
4 Circuit separators	Dark grey <input type="checkbox"/>	CS-R1	1SNK900103R0000	20	5.20
5 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey <input type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20
7 Spacers	Dark grey <input type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	1SNB041791R0612	1680	0.27
		Blank card	1SNK150000R0000	22	10.00
			1SNK159999R0000	20	11.00
			1SNK900611R0000	10	0.20
Universal wire markers holder		Grey <input type="checkbox"/>	UMH		

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

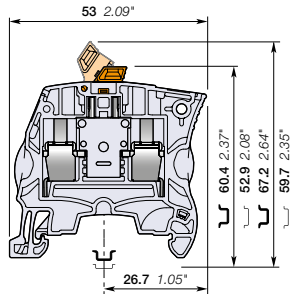
Technical data valid for copper conductors only.

# ZS10-S screw clamp terminal blocks

## Disconnect with blade - 8 mm 0.315 in spacing



ZS10-S



8 mm 0.315 in spacing

### Description

- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as ZS10 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

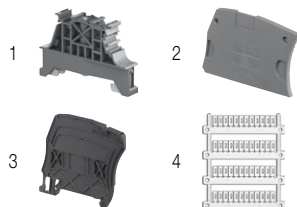
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS10	Grey <input type="checkbox"/>	ZS10-S	1SNK508315R0000	50	8.60
	Blue <input type="checkbox"/>	ZS10-S-BL	1SNK508320R0000	50	8.60

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 10 mm <sup>2</sup>		Wire stripping length	12 mm 0.472 in
	with non insulated ferrule	0.22 ... 10 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 6 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A5-B5		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
	Flexible	0.5 ... 4 mm <sup>2</sup>			
with twin ferrule		0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
Rated current / Rated cross section		25 A / 4 mm <sup>2</sup>	25 A / 6 AWG		
Maximum current / Maximum cross section		42 A / 10 mm <sup>2</sup>			
Rated short-time withstand current (1s)		480 A			
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey <input type="checkbox"/>	ES4	1SNK505910R0000	20	2.20
3 Circuit separators	Dark grey <input type="checkbox"/>	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

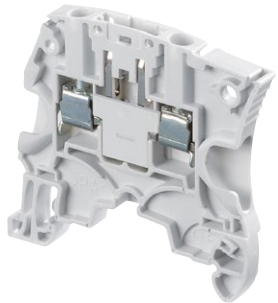
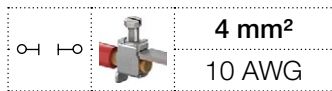
Technical data valid for copper conductors only.



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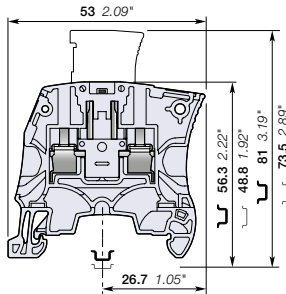
# ZS4-SP screw clamp terminal blocks

## Disconnect with plug - 5.2 mm 0.205 in spacing



1SNK161023FC014

ZS4-SP



5.2 mm 0.205 in spacing

### Description

- Save time with our screwless component holder plug,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Disconnect Profile aligned with ZS4, plug delivered separately	Grey <input type="checkbox"/>	ZS4-SP	1SNK505313R0000	50	8.20

### Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible	24 ... 10 AWG	Rail		TH 35-7.5, TH 35-15
	with non insulated ferrule	0.22 ... 4 mm²	Wire stripping length		10.5 mm 0.412 in
	with insulated ferrule	0.22 ... 2.5 mm²	Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A3-B3	Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible	24 ... 16 AWG			
	with twin ferrule	0.22 ... 1.5 mm²			
<b>Rated current / Rated cross section</b>		18 A / 2.5 mm²			
<b>Rated short-time withstand current (1s)</b>		300 A			
<b>Rated voltage</b>		400 V			
<b>Impulse withstand voltage</b>		6000 V			
<b>Protection</b>		IP20			

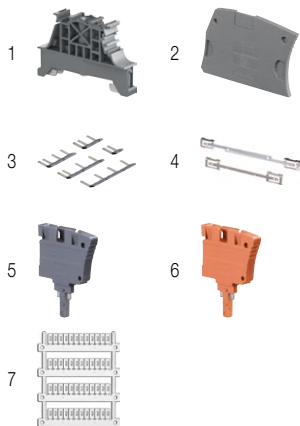
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	EAC
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### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
<b>1 End stops</b> 10 mm	Dark grey <input checked="" type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
<b>2 End sections</b> 2.2 mm	Dark grey <input checked="" type="checkbox"/>	ES4	1SNK505910R0000	20	2.20	
<b>3 Lateral jumper bars</b> 2 poles	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80	
		PC5-10	1SNA113544R1200	10	6.00	
<b>4 Shield connectors</b>		SHBS	1SNK900600R0000	20	3.50	
<b>5 Component plugs</b> Components in series with circuit	Dark grey <input checked="" type="checkbox"/>	PG5	1SNK900401R0000	20	3.50	
<b>6 Disconnect plugs</b> Equipped with linking bar	Orange <input checked="" type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50	
<b>7 Terminal block markers</b> Blank marker	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
		MC512	1SNK140000R0000	22	9.00	
		MC512PA	1SNK149999R0000	20	10.00	
		Universal wire markers holder	Grey <input type="checkbox"/> UMH	1SNK900611R0000	10	0.20

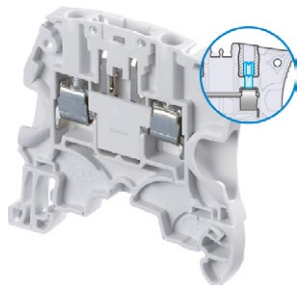
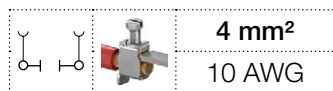
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



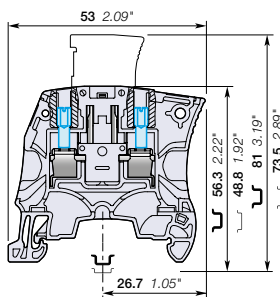
Technical data valid for copper conductors only.

# ZS4-SP-T2 screw clamp terminal blocks

Disconnect with plug - with test socket - 5.2 mm 0.205 in spacing



ZS4-SP-T2



5.2 mm 0.205 in spacing

## Description

- Ease your test operations with the 2 built-in test sockets DIA 2 mm 0.079 in,
- Save time with our screwless component holder plug,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Disconnect</b> Profile aligned with ZS4, with 2 test sockets DIA 2 mm 0.079 in, plug delivered separately	Grey <input type="checkbox"/>	ZS4-SP-T2	1SNK505314R0000	50	8.40

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 10 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Gauge		A3-B3			
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
with twin ferrule		0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
<b>Rated current / Rated cross section</b>		18 A / 2.5 mm <sup>2</sup>	18 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
<b>Rated short-time withstand current (1s)</b>		300 A			
<b>Rated voltage</b>		400 V	150 V		
<b>Impulse withstand voltage</b>		6000 V			
<b>Protection</b>		IP20	NEMA 1		

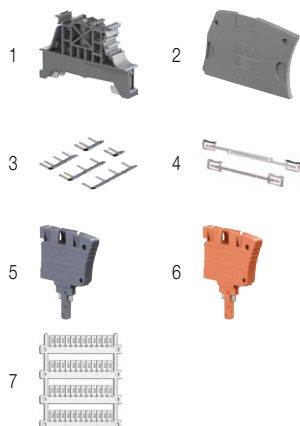
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CE	RoHS	UL	CSA	EAC

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>1 End stops</b> 10 mm 0.394 in	Dark grey <input checked="" type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
<b>2 End sections</b> 2.2 mm 0.087 in	Dark grey <input checked="" type="checkbox"/>	ES4	1SNK505910R0000	20	2.20
<b>3 Lateral jumper bars</b> 2 poles 30 A (IEC)	Grey <input type="checkbox"/>	PC5-2	1SNA113542R1000	10	1.80
		PC5-10	1SNA113544R1200	10	6.00
<b>4 Shield connectors</b>		SHBS	1SNK900600R0000	20	3.50
<b>5 Component plugs</b> Components in series with circuit	Dark grey <input checked="" type="checkbox"/>	PG5	1SNK900401R0000	20	3.50
<b>6 Disconnect plugs</b> Equipped with linking bar	Orange <input checked="" type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50
<b>7 Terminal block markers</b>	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



Technical data valid for copper conductors only.

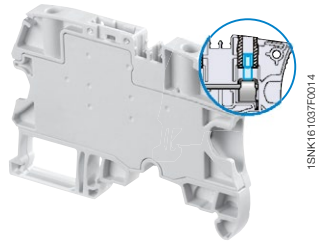
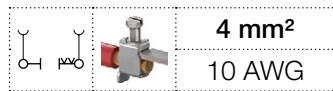
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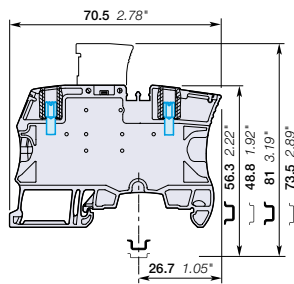
# ZS4-SP-T2-R1 screw clamp terminal blocks

Disconnect with plug - with test socket - 6 mm 0.236 in spacing



1SNK161037TC014

ZS4-SP-T2-R1



6 mm 0.236 in spacing

## Description

- Ease your test operations with the 2 built-in test sockets DIA 2 mm 0.079 in,
- Save time with our screwless component holder plug,
- Simplify the distribution between feed-through and disconnect circuits thanks to the two aligned jumper channels.

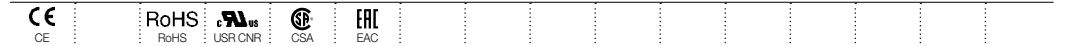
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4-SF, with 2 test sockets DIA 2 mm 0.079 in, plug delivered separately	Grey <input type="checkbox"/>	ZS4-SP-T2-R1	1SNK506314R0000	50	14.20

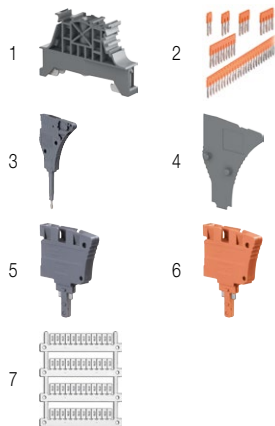
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
with twin ferrule		0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		18 A / 2.5 mm <sup>2</sup>	20 A / 10 AWG		
Rated short-time withstand current (1s)		300 A			
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories



Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
3 Test connectors	Dark grey <input checked="" type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20	
4 Spacers	Dark grey <input checked="" type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80	
5 Component plugs	Dark grey <input checked="" type="checkbox"/>	PG5	1SNK900401R0000	20	3.50	
6 Disconnect plugs	Orange <input checked="" type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50	
7 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

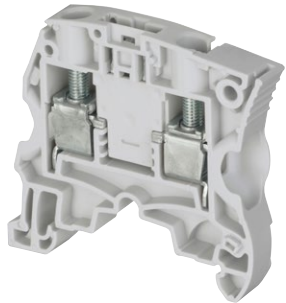
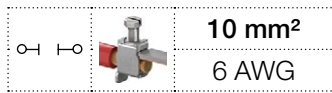
Technical data valid for copper conductors only.



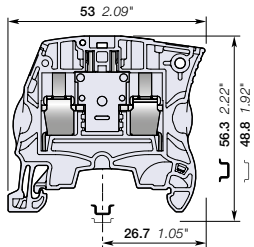
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS10-SP screw clamp terminal blocks

Disconnect with plug - 8 mm 0.315 in spacing



ZS10-SP



8 mm 0.315 in spacing

## Description

- Save time with our screwless component holder plug,
- Same profile as ZS10 feed-through terminal block for aligned marking and identical end section use.

## Ordering details

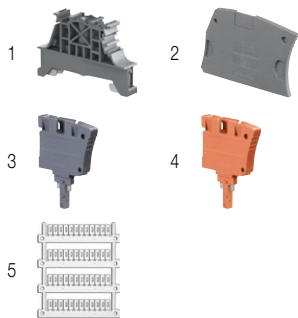
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS10	Grey <input type="checkbox"/>	ZS10-SP	1SNK508316R0000	50	8.60

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Wire stripping length	12 mm 0.472 in
	with non insulated ferrule	0.22 ... 10 mm <sup>2</sup>	24 ... 8 AWG		
	with insulated ferrule	0.22 ... 6 mm <sup>2</sup>	24 ... 8 AWG		
	Gauge	A5-B5			
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
	with twin ferrule	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
Rated current / Rated cross section		18 A / 2.5 mm <sup>2</sup>	18 A / 6 AWG		
Maximum current / Maximum cross section		18 A / 10 mm <sup>2</sup>			
Rated short-time withstand current (1s)		300 A		Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	RoHS	USR	CSA	ERC	EAC
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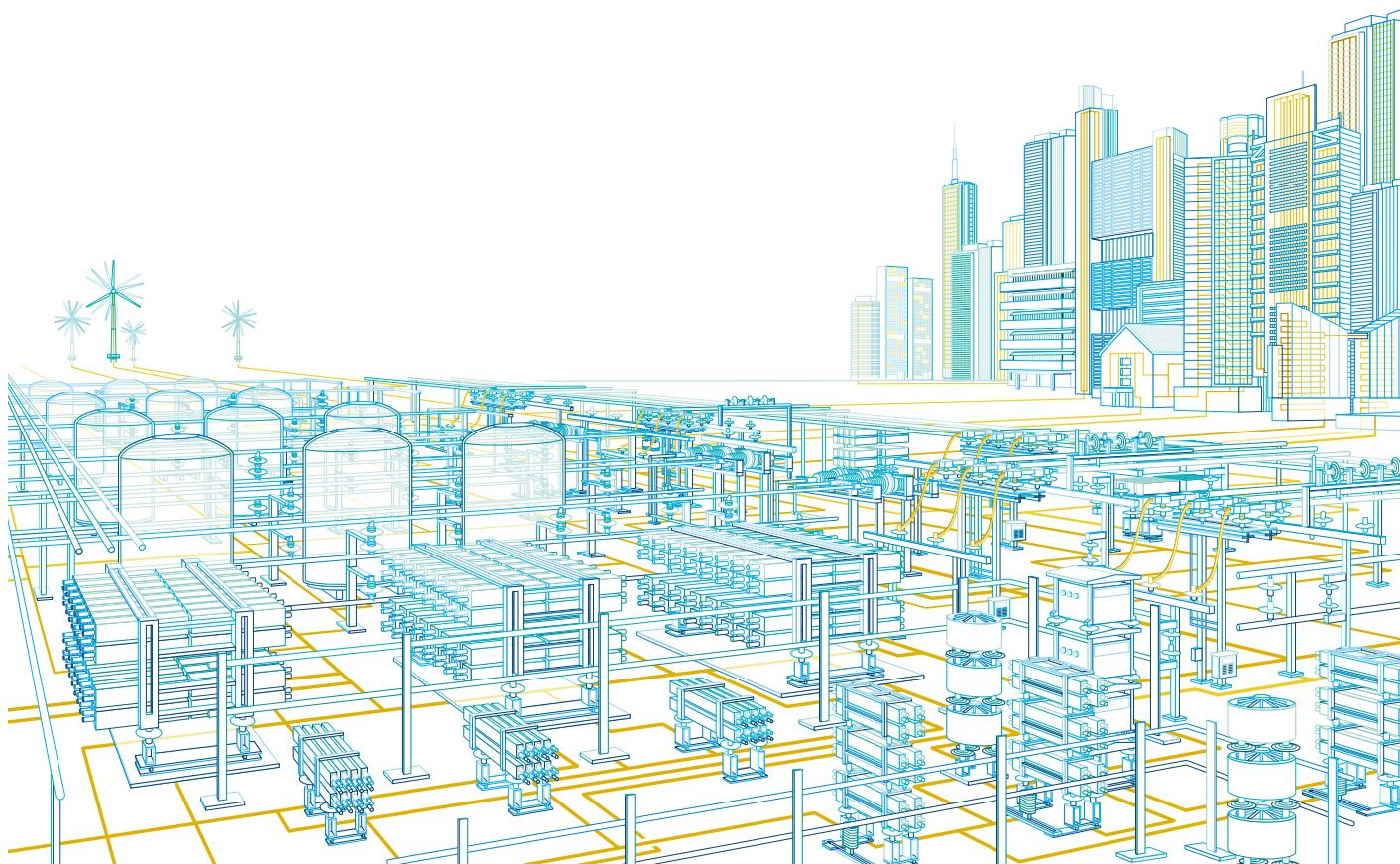


## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey <input checked="" type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
2 End sections 2.2 mm 0.087 in	Dark grey <input checked="" type="checkbox"/>	ES4	1SNK505910R0000	20	2.20
3 Component plugs Components in series with circuit	Dark grey <input checked="" type="checkbox"/>	PG5	1SNK900401R0000	20	3.50
4 Disconnect plugs Equipped with linking bar	Orange <input checked="" type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50
5 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

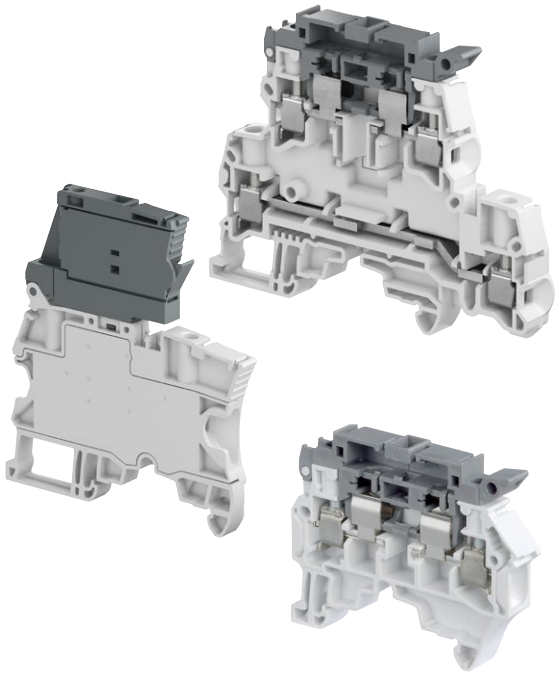
Technical data valid for copper conductors only.



## SNK series, terminal blocks

### Fuse protection

3



## Optimize your control circuit protection

Our SNK series fuse terminal blocks offer a full set of features and functions to protect your control circuits with efficiency and reliability.

All terminal blocks complies with the latest evolution of the international standards IEC 60947-7-3 ("Ancillary equipment safety requirements for fuse terminal blocks.") which fixes precise temperature constraint for short-circuit and overload protection (information in the catalogue pages related to the products).

### Qualified for worldwide markets and applications

Eco-designed according to international environmental standards in sustainable development.



RoHS



EAC



## Select the right fuse holder for the right application

### 1 standard applications

The standard fuse holders feature compact dimensions while offering compatibility with 5 x 20 and 5 x 25 mm fuses. double deck terminal blocks allow efficient space reduction for panels with space constraints.

### 2 Expert for convenient circuit distribution

The expert fuse holders are equipped with two central jumper channels for convenient common distribution and are aligned with feed-through and disconnect terminal blocks. They facilitate alternated potential distribution and reduce wiring.

### Additional features for easy trouble shooting and testing

#### Performant blown fuse indicators

Low leakage current (< 0.5 mA) allows the protection of low current circuits such as PLC's inputs without any risk of circuit disturbances.

Large voltage range (24/110 V and 110/250 V AC/DC) reduces the number of variants and allows adaptation to worldwide applications (24/110 V range covers North american market needs).

#### Easy testing

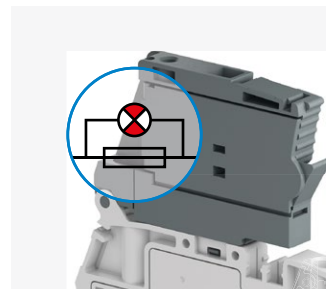
Some terminal blocks are equipped with Dia 2 mm built-in test socket screws for circuit testing while respecting the IP20 touch proof protection.



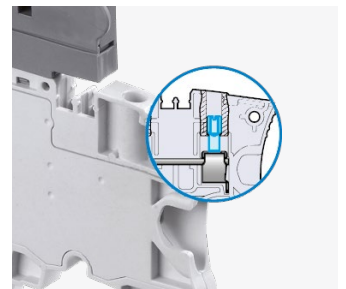
1  
5x20 and 5x25 mm fuses  
Compact and high density



2  
5x20 and 6.3x32 mm fuses  
Easy potential distribution



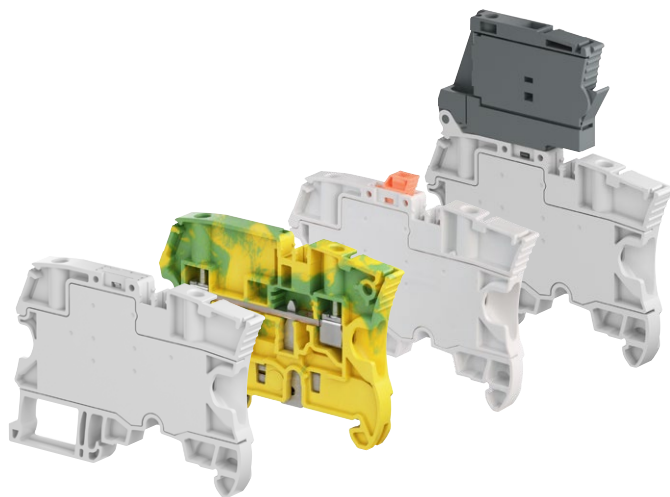
Low leakage current blown fuse indicator.  
Large voltage range: (24/110 V and 110/250 V AC and DC)



Convenient testing through built in test socket screws

## SNK series, terminal blocks

### Marshalling cabinets application



## The smart choice for process automation

Large process automation applications typically require the use of a large number of digital or analog signals and sensors. Indeed, marshalling cabinets ensure an important cross wiring function, since the incoming field signal and the channel quantity of the I/O card of the controller (DCS, large PLC's) is always different. They facilitate the maintenance operations and ease the system modifications.

### SNK aligned terminal blocks offering:

SNK series now features a full set of aligned terminal blocks matching the marshalling panels typical configurations. Fuse, disconnect, feed-through and ground terminal blocks with identical profile are providing compact and convenient solution. With only 6 mm spacing, two aligned screwless jumper channels, central large marking as well as aligned conductor entries, they are perfectly adapted to alternative potential distribution while still easy to connect.

3

## Typical marshalling configurations

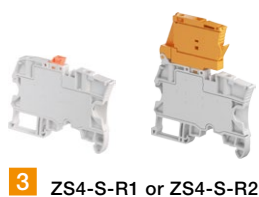
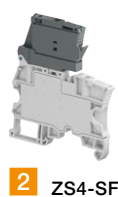
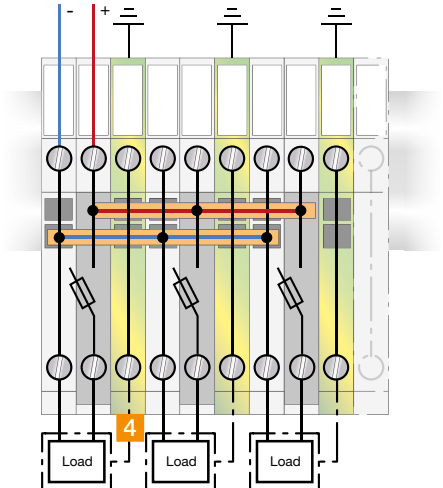
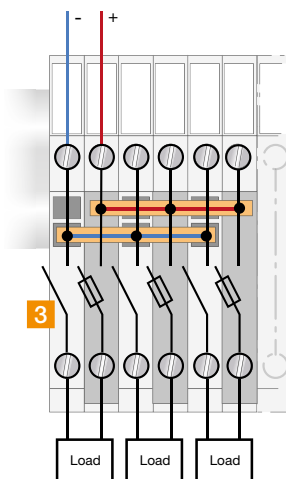
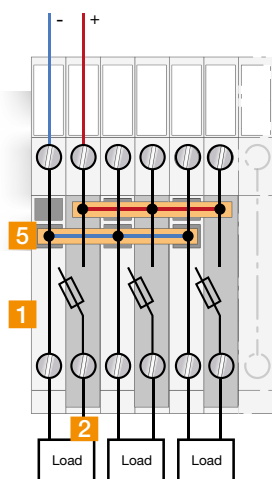
### Digital signals

Popular potential distribution via double center channel.

Disconnect functions equipped with test points allow total isolation of circuits, ease circuit testing during start-up, test and maintenance operations.

### Analog

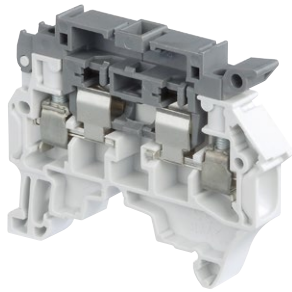
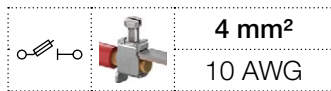
Potential distribution for analog signals. Ground terminal blocks allow reliable connection of cable shields to the ground sparing the use of external shield bar.



1SNK161086S0201

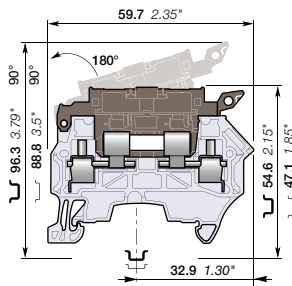
# ZS4-SF1 screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - 8 mm 0.315 in spacing



1SNK161007F0014

ZS4-SF1



8 mm 0.315 in spacing

## Description

Protect your circuit with 5x25 and 5x20 fuse terminal blocks, compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks).

## Ordering details

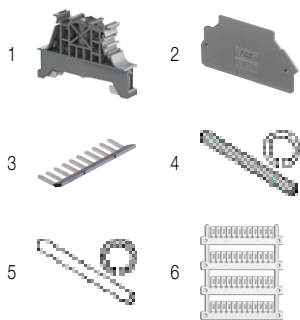
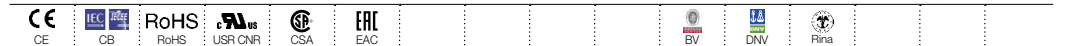
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey	ZS4-SF1	1SNK508410R0000	50	13.30
	Orange, dark grey	ZS4-SF1-OR	1SNK508430R0000	50	13.30

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>		Wire stripping length	11 mm 0.432 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
2 conductors per clamp	Gauge	A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
with twin ferrule		0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG		
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	1.6 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

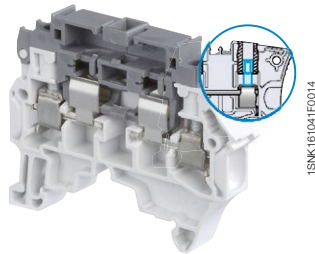
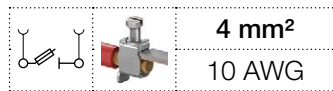
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES4-SF	1SNK508960R0000	20	1.80
3 Lateral jumper bars	Grey	PC81-10	1SNA173523R1100	10	5.00
4 Assembly rods		TGA8	1SNA168672R1100	10	1.00
		TGA8	1SNA168673R1200	10	1.50
		TGA8	1SNA168674R1300	10	2.00
5 Spring retaining Rings		ANT	1SNA168675R1400	10	
6 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

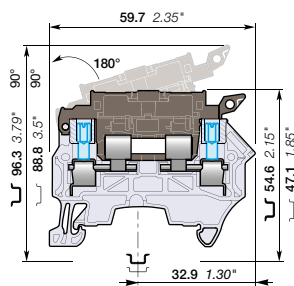
Technical data valid for copper conductors only.

# ZS4-SF1-T screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - with test socket - 8 mm 0.315 in spacing



ZS4-SF1-T



8 mm 0.315 in spacing

## Description

- Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
- Compliant with IEC 60947-7-3 standard,
- With built in test sockets.

## Ordering details

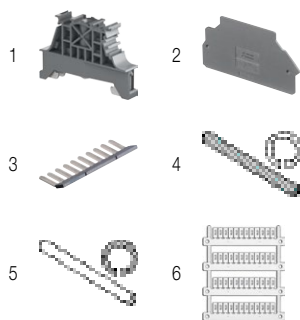
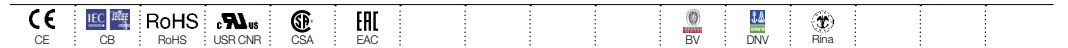
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Fuse With 2 test sockets DIA 2 mm 0.079 in	Grey, dark grey	ZS4-SF1-T2	1SNK508411R0000	50	13.30 g

## Main technical data

Connecting capacity		IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	11 mm 0.432 in
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	1.6 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4-SF	1SNK508960R0000	20	1.80	
3 Lateral jumper bars	Grey	PC81-10	1SNA173523R1100	10	5.00	
4 Assembly rods		2 poles	TGA8	1SNA168672R1100	10	1.00
		3 poles	TGA8	1SNA168673R1200	10	1.50
		4 poles	TGA8	1SNA168674R1300	10	2.00
5 Spring retaining Rings		ANT	1SNA168675R1400	10		
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

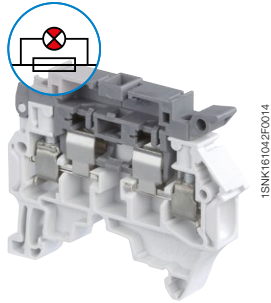
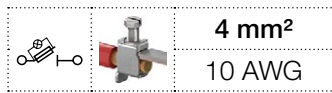
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

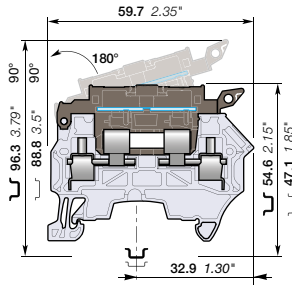
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS4-SF1-R screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator - 8 mm 0.315 in spacing



ZS4-SF1-R



8 mm 0.315 in spacing

## Description

- Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
- Compliant with IEC 60947-7-3 standard,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

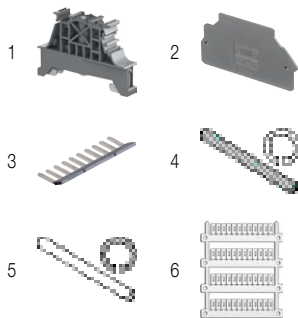
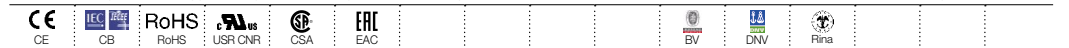
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse With blown fuse indicator 115 ... 250 V AC / DC	Grey, dark grey	ZS4-SF1-R3	1SNK508414R0000	50	13.30
With blown fuse indicator 24 ... 110 V AC / DC		ZS4-SF1-R1	1SNK508412R0000	50	13.30

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> A3-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG	<b>Rail</b>  TH 35-7.5, TH 35-15  <b>Wire stripping length</b>  11 mm 0.432 in
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 2.5 mm <sup>2</sup> 0.2 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG 24 ... 14 AWG 24 ... 14 AWG	<b>Tool</b>  Flat screwdriver Ø 3.5 mm Ø 0.138 in
<b>Rated current / Rated cross section</b>		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG	<b>Torque</b>  0.6 Nm ± 0.1 5.31 lb.in ± 0.885
<b>Rated voltage</b>		630 V	300 V	
<b>Impulse withstand voltage</b>		8000 V		
<b>Protection</b>		IP20	NEMA 1	

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	1.6 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections 1.5 mm 0.059 in	Dark grey	ES4-SF	1SNK508960R0000	20	1.80	
3 Lateral jumper bars 10 poles 35 A (IEC)	Grey	PC81-10	1SNA173523R1100	10	5.00	
4 Assembly rods		2 poles	TGA8	1SNA168672R1100	10	1.00
		3 poles	TGA8	1SNA168673R1200	10	1.50
		4 poles	TGA8	1SNA168674R1300	10	2.00
5 Spring retaining Rings		ANT	1SNA168675R1400	10		
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
		Universal wire markers holder	MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20	

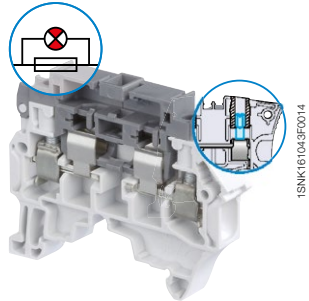
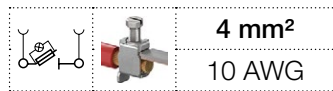
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

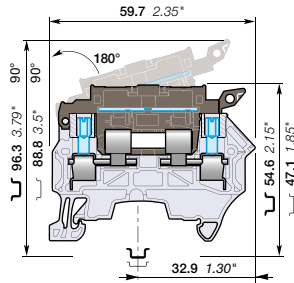


# ZS4-SF1-R screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test sockets - 8 mm 0.315 in spacing



ZS4-SF1-R



8 mm 0.315 in spacing

## Description

- Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
- Compliant with IEC 60947-7-3 standard,
- Ease the test with built-in test sockets,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

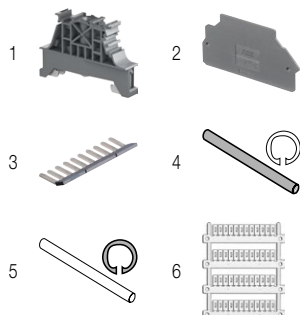
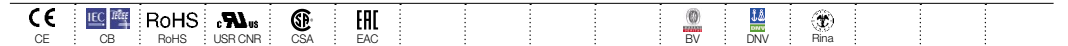
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse With blown fuse indicator 115 ... 250 V AC / DC and 2 test sockets DIA 2 mm 0.079 in	Grey, dark grey	ZS4-SF1-R4	1SNK508415R0000	50	13.30
With blown fuse indicator 24 ... 110 V AC / DC and 2 test sockets DIA 2 mm 0.079 in		ZS4-SF1-R2	1SNK508413R0000	50	13.30

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> A3-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG 24 ... 12 AWG
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 2.5 mm <sup>2</sup> 0.2 ... 2.5 mm <sup>2</sup> 0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG 24 ... 14 AWG 24 ... 14 AWG
<b>Rated current / Rated cross section</b>		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG
<b>Rated voltage</b>		630 V	300 V
<b>Impulse withstand voltage</b>		8000 V	
<b>Protection</b>		IP20	NEMA 1
			<b>Rail</b> TH 35-7.5, TH 35-15
			<b>Wire stripping length</b> 11 mm 0.432 in
			<b>Tool</b> Flat screwdriver Ø 3.5 mm Ø 0.138 in
			<b>Torque</b> 0.6 Nm ± 0.1 5.31 lb.in ± 0.885

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection Exclusive short-circuit protection	2.5 W 4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection Exclusive short-circuit protection	1.6 W 4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

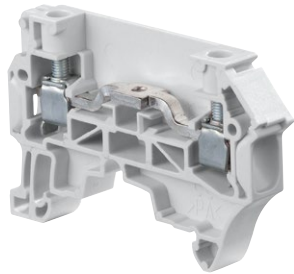
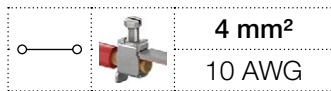
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK90001R0000	50	14.00
2 End sections 1.5 mm 0.059 in	Dark grey	ES4-SF	1SNK508960R0000	20	1.80
3 Lateral jumper bars 10 poles 35 A (IEC)	Grey	PC81-10	1SNA173523R1100	10	5.00
4 Assembly rods 2 poles		TGA8	1SNA168672R1100	10	1.00
3 poles		TGA8	1SNA168673R1200	10	1.50
4 poles		TGA8	1SNA168674R1300	10	2.00
5 Spring retaining Rings		ANT	1SNA168675R1400	10	
6 Terminal block markers Blank marker	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
Blank card		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

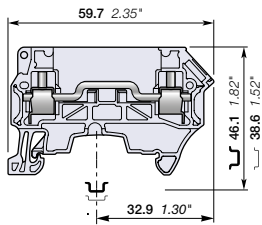
# ZS4-R1 screw clamp terminal blocks

## Feed-through - 8 mm 0.315 in spacing



1SNK161048FC014

ZS4-R1



8 mm 0.315 in spacing

### Description

Simplify the alternated feed-through and fuse circuits operations:

- With the same profile as the ZS4-SF1, the wiring of the alternated feed-through and fuse circuits is easier.

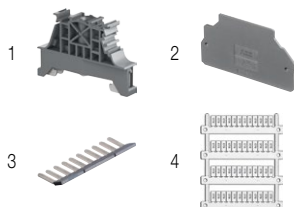
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Profile aligned with ZS4-SF1	Grey <input type="checkbox"/>	ZS4-R1	1SNK508013R0000	50	11.00

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	11 mm 0.432 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	Gauge	A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
		with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	
Rated current / Rated cross section		24 A / 2.5 mm <sup>2</sup>	26 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		300 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

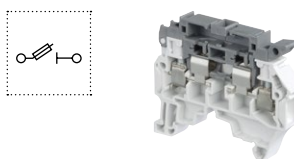


### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
2 End sections 1.5 mm 0.059 in	Dark grey <input type="checkbox"/>	ES4-SF	1SNK508960R0000	20	1.80
3 Lateral jumper bars 10 poles 35 A (IEC)	Grey <input type="checkbox"/>	PC81-10	1SNA173523R1100	10	5.00
4 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.



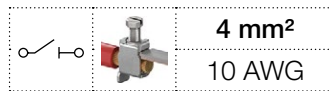
### Fuse screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey <input type="checkbox"/>	ZS4-SF1	1SNK508410R0000	50	13.30

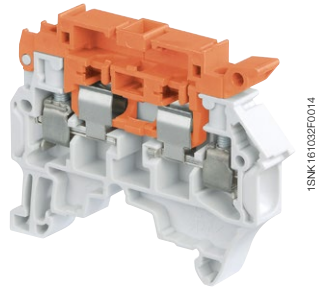
Technical data valid for copper conductors only.

# ZS4-S-R3 screw clamp terminal blocks

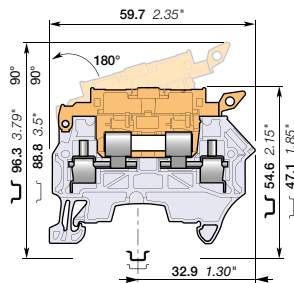
## Disconnect with lever - 8 mm 0.315 in spacing



4 mm<sup>2</sup>  
10 AWG



ZS4-S-R3



8 mm 0.315 in spacing

### Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS4-SF1:  
– With the same profile as ZS4-SF1, the ZS4-S-R3 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

### Ordering details

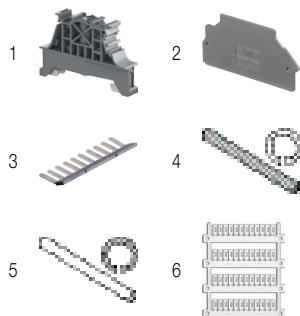
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4-SF1	Grey, orange	ZS4-S-R3	1SNK508416R0000	50	13.30

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail		TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG			
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length		11 mm 0.432 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG			
Gauge		A3-B3				
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG			
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG			
Rated current / Rated cross section		18 A / 2.5 mm <sup>2</sup>	18 A / 10 AWG	Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Maximum current / Maximum cross section		18 A / 4 mm <sup>2</sup>				
Rated short-time withstand current (1s)		300 A				
Rated voltage		630 V	300 V			
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect lever does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

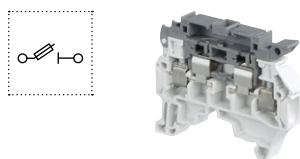
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections 1.5 mm 0.059 in	Dark grey	ES4-SF	1SNK508960R0000	20	1.80
3 Lateral jumper bars 10 poles 35 A (IEC)	Grey	PC81-10	1SNA173523R1100	10	5.00
4 Assembly rods		TGA8	1SNA168672R1100	10	1.00
		TGA8	1SNA168673R1200	10	1.50
		TGA8	1SNA168674R1300	10	2.00
5 Spring retaining Rings		ANT	1SNA168675R1400	10	
6 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Fuse screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey	ZS4-SF1	1SNK508410R0000	50	13.30

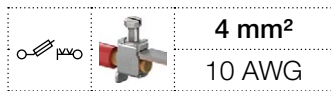
Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

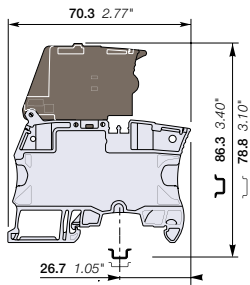


# ZS4-SF screw clamp terminal blocks

For 5 x 20 fuses - 6 mm 0.236 in spacing



ZS4-SF



6 mm 0.236 in spacing

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Fuse	Grey, dark grey	ZS4-SF	1SNK506410R0000	50	18.60

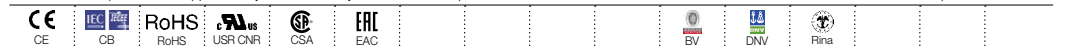
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.412 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	Gauge	A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated voltage		500 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>.



## Accessories

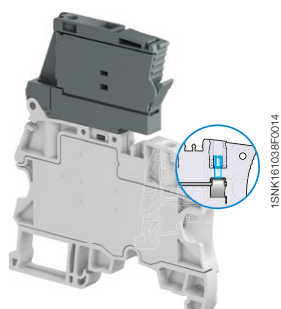
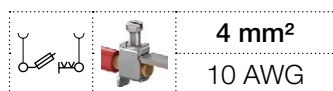
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange	2 poles 41 A (IEC)	JB6-2	1SNK906302R0000	50	1.30
		3 poles 41 A (IEC)	JB6-3	1SNK906303R0000	50	2.10
		4 poles 41 A (IEC)	JB6-4	1SNK906304R0000	50	2.90
		5 poles 41 A (IEC)	JB6-5	1SNK906305R0000	50	3.60
		10 poles 41 A (IEC)	JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

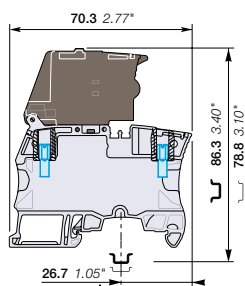
Technical data valid for copper conductors only.

# ZS4-SF-T screw clamp terminal blocks

For 5 x 20 fuses - with test socket - 6 mm 0.236 in spacing



ZS4-SF-T



6 mm 0.236 in spacing

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Ease the test with built-in test socket screws.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse With 2 test sockets DIA 2 mm 0.079 in	Grey, dark grey	ZS4-SF-T2	1SNK506411R0000	50	18.60

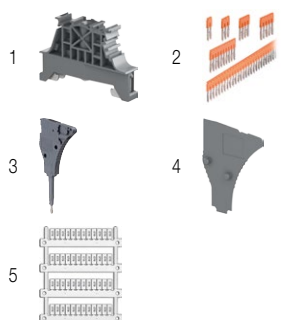
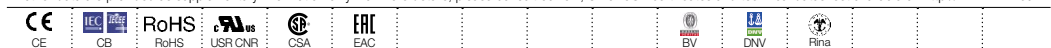
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.412 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
2 conductors per clamp	Gauge	A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	Flexible with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated voltage		500 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
3 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
4 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
5 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

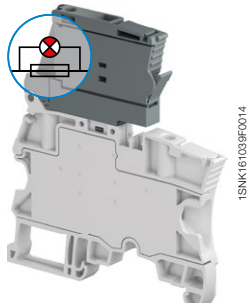
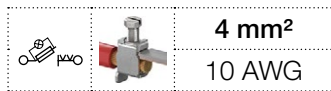
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

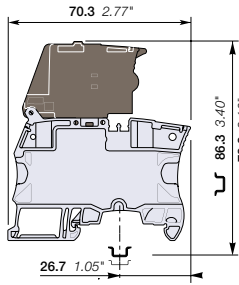
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS4-SF-R screw clamp terminal blocks

For 5 x 20 fuses - with blown fuse indicator - 6 mm 0.236 in spacing



ZS4-SF-R



6 mm 0.236 in spacing

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse With blown fuse indicator 115 ... 250 V AC / DC	Grey, dark grey	ZS4-SF-R3	1SNK506415R0000	50	18.60
With blown fuse indicator 24 ... 110 V AC / DC		ZS4-SF-R1	1SNK506412R0000	50	18.60

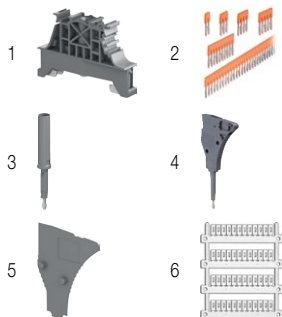
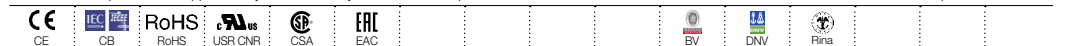
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.412 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule Gauge	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG A3-B3		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
	Flexible with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG		
Rated voltage		500 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

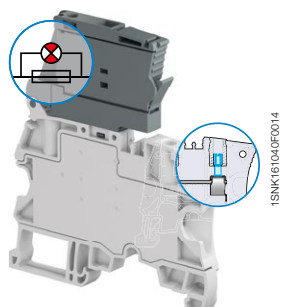
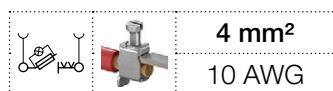
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

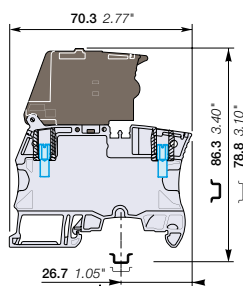
Technical data valid for copper conductors only.

# ZS4-SF-R screw clamp terminal blocks

For 5 x 20 fuses - with blown fuse indicator and test sockets - 6 mm 0.236 in spacing



ZS4-SF-R



6 mm 0.236 in spacing

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Ease the test with built-in test socket screws,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse With blown fuse indicator 115 ... 250 V AC / DC and 2 test sockets DIA 2 mm 0.079 in	Grey, dark grey	ZS4-SF-R4	1SNK506416R0000	50	18.60
With blown fuse indicator 24 ... 110 V AC / DC and 2 test sockets DIA 2 mm 0.079 in		ZS4-SF-R2	1SNK506413R0000	50	18.60

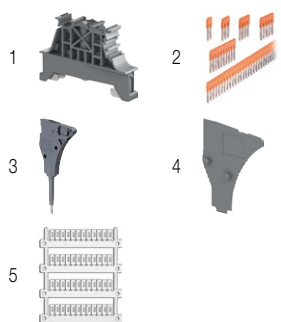
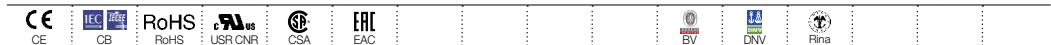
## Main technical data

Connecting capacity	IEC	UL - CSA	Rail	Wire stripping length	Tool	Torque
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> A3-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG	TH 35-7.5, TH 35-15	10.5 mm 0.412 in	
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm <sup>2</sup> 0.2 ... 1.5 mm <sup>2</sup> 0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG		Flat screwdriver Ø 3.5 mm Ø 0.138 in	
<b>Rated current / Rated cross section</b>		6.3 A / 4 mm <sup>2</sup>	10 A / 10 AWG			0.6 Nm ± 0.1 5.31 lb.in ± 0.885
<b>Rated voltage</b>		500 V	150 V			
<b>Impulse withstand voltage</b>		6000 V				
<b>Protection</b>		IP20	NEMA 1			

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement	Compound arrangement	Protection	Power
Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	2.5 W
		Exclusive short-circuit protection	4 W
		Overload and short-circuit protection	2.5 W
		Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

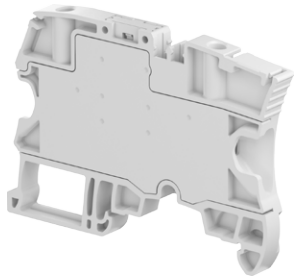
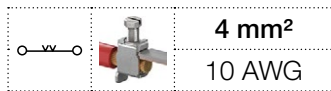
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
<b>1 End stops</b>	Dark grey	BAM4	1SNK900001R0000	50	14.00	
<b>2 Jumper bars</b>	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
<b>3 Test connectors</b>	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
<b>4 Spacers</b>	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
<b>5 Terminal block markers</b>	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
		Universal wire markers holder	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

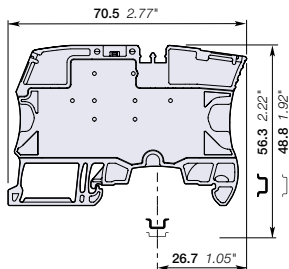
# ZS4-R2 screw clamp terminal blocks

## Feed-through - 6 mm 0.236 in spacing



1SNK16107AV0014

ZS4-R2



6 mm 0.236 in spacing

### Description

- Simplify the distribution of circuits in marshalling cabinets thanks to our feed-through terminal blocks with the same profile as ZS4-SF fuse, ZS4-S-R1 disconnect and ZS4-PE-R2 ground terminal blocks: aligned conductor entries, jumper channels and marking in just 6 mm 0.236 in spacing,
- No end section needed: closed block.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Feed-through Profile aligned with ZS4-SF and ZS4-S-R1	Grey <input type="checkbox"/>	ZS4-R2	1SNK506013R0000	50	12.40

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A3-B3		Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	Flexible	0.2 ... 1.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

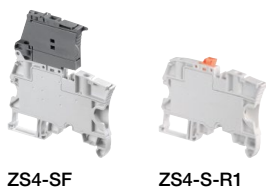
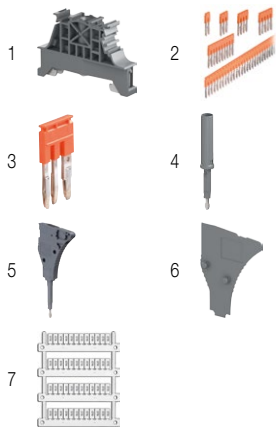
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00
2 Jumper bars 2 poles 41 A (IEC)	Orange <input type="checkbox"/>	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Cross spacing jumpers 3 poles 32 A (IEC)	Orange <input type="checkbox"/>	JB85-3	1SNK900603R0000	10	2.80
4 Test adapters For test plugs DIA 2 mm 0.079 in For test plugs DIA 4 mm 0.157 in	Dark grey <input type="checkbox"/>	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
5 Test connectors End module, 5.2 mm 0.205 in	Dark grey <input type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20
6 Spacers 0.8 mm 0.031 in	Dark grey <input type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80
7 Terminal block markers Blank marker Blank card Universal wire markers holder	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



ZS4-SF

ZS4-S-R1

### Screw clamp terminal blocks

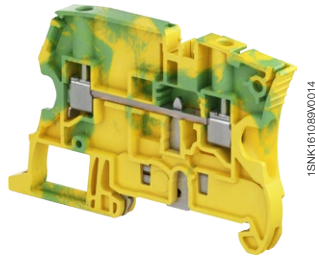
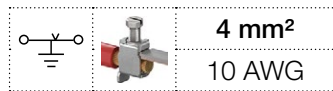
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) <b>g</b>
Fuse Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey, dark grey <input type="checkbox"/>	ZS4-SF	1SNK506410R0000	50	18.60
Disconnect Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey <input type="checkbox"/>	ZS4-S-R1	1SNK506310R0000	50	13.20

1SNK161083S0201

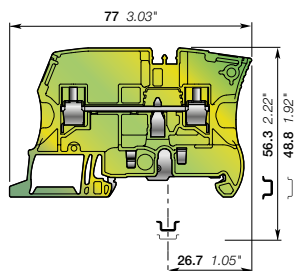


# ZS4-PE-R2 screw clamp terminal blocks

Ground - 6 mm 0.236 in spacing



ZS4-PE-R2



6 mm 0.236 in spacing

## Description

Simplify the shielding connection of your analog circuits in marshalling cabinets thanks to our ground terminal blocks with the same profile as ZS4-SF fuse, ZS4-S-R1 disconnect and ZS4-R2 feed-through terminal blocks.

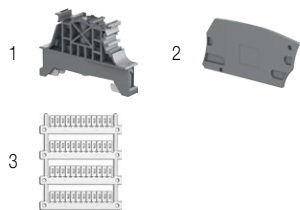
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS4-PE-R2	1SNK506153R0000	25	15.30

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp			
Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail  TH 35-7.5, TH 35-15
Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length  10.5 mm 0.413 in
with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool  Flat screwdriver Ø 3.5 mm Ø 0.138 in
with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	
Gauge	A3-B3		Torque  0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated cross section	4 mm <sup>2</sup>	10 AWG	
Rated short-time withstand current (1s)	480 A	396 A	
Protection	IP20	NEMA 1	

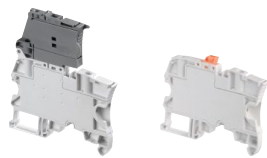
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES6-4S	1SNK505911R0000	20	3.10
3 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



ZS4-SF

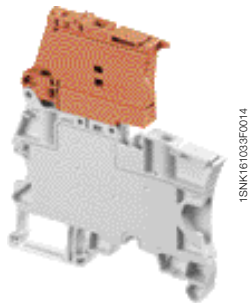
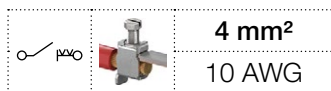
ZS4-S-R1

## Screw clamp terminal blocks

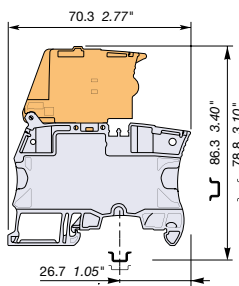
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey, dark grey	ZS4-SF	1SNK506410R0000	50	18.60
Disconnect Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey	ZS4-S-R1	1SNK506310R0000	50	13.20

# ZS4-S-R2 screw clamp terminal blocks

## Disconnect with lever - 6 mm 0.236 in spacing



ZS4-S-R2



6 mm 0.236 in spacing

### Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS4-SF:  
 - With the same profile as ZS4-SF, the ZS4-S-R2 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS4-SF	Grey, orange	ZS4-S-R2	1SNK506414R0000	50	21.6

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		Wire stripping length
	Flexible with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool	
	Gauge	A3-B3			Torque
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	Flexible with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		18 A / 2.5 mm <sup>2</sup>	13 A / 10 AWG		
Maximum current / Maximum cross section		18 A / 4 mm <sup>2</sup>			
Rated short-time withstand current (1s)		300 A			
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect lever does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

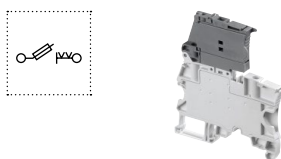
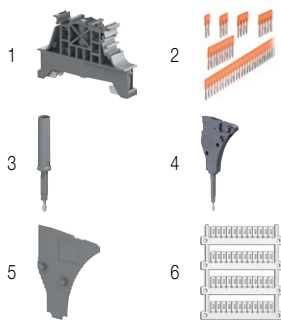
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
		Universal wire markers holder	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



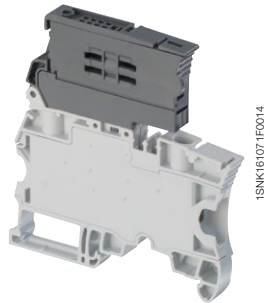
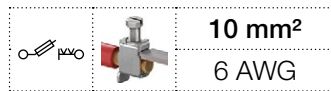
### Fuse screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey	ZS4-SF	1SNK506410R0000	50	18.60

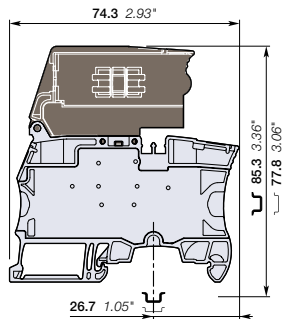
Technical data valid for copper conductors only.

# ZS10-SF screw clamp terminal blocks

For 6.3x32 fuses - 8 mm 0.315 in spacing



ZS10-SF



8 mm 0.315 in spacing

## Description

- Protect your circuits with 6.3x32 (¼ x 1¼ in) fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse Closed block	Grey, dark grey	ZS10-SF	1SNK508418R0000	50	28.50

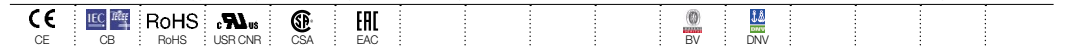
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm²		Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm²	24 ... 8 AWG		
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG		
2 conductors per clamp	Gauge	A5-B5		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Rigid - Solid / Stranded	0.5 ... 4 mm²	20 ... 12 AWG		
	Flexible	0.5 ... 4 mm²			
	with twin ferrule	0.5 ... 4 mm²	20 ... 12 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
	Rated current / Rated cross section	10 A / 10 mm²	22 A / 6 AWG		
	Rated voltage	630 V	600 V		
	Impulse withstand voltage	6000 V			
	Protection	IP20	NEMA 1		

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	4 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	2.5 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
4 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
5 Spacers	Dark grey	2.8 mm	ES-TC8	1SNK900104R0000	10	1.40
		0.110 in				
6 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNK041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

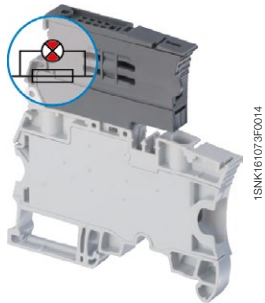
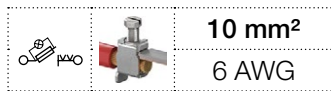
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

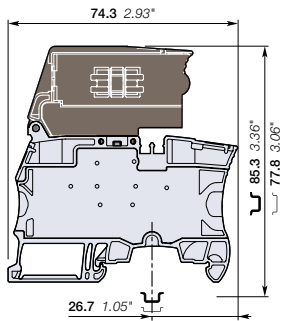
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS10-SF-R screw clamp terminal blocks

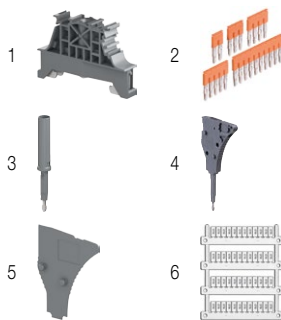
For 6.3x32 fuses - with blown fuse indicator - 8 mm 0.315 in spacing



ZS10-SF-R



8 mm 0.315 in spacing



## Description

- Protect your circuits with 6.3x32 (¼ x 1¼ in) fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse With blown fuse indicator 115 ... 250 V AC / DC	Grey, dark grey	ZS10-SF-R3	1SNK508422R0000	50	30.50
With blown fuse indicator 24 ... 110 V AC / DC		ZS10-SF-R1	1SNK508421R0000	50	30.50

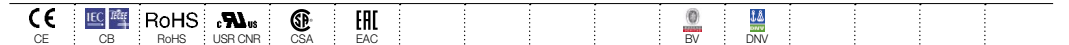
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.5 ... 10 mm <sup>2</sup> 0.5 ... 10 mm <sup>2</sup> 0.5 ... 10 mm <sup>2</sup> 0.5 ... 6 mm <sup>2</sup> A5-B5	24 ... 6 AWG 24 ... 8 AWG 24 ... 10 AWG	<b>Rail</b>  TH 35-7.5, TH 35-15 <b>Wire stripping length</b>  13 mm 0.512 in
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.5 ... 4 mm <sup>2</sup> 0.5 ... 4 mm <sup>2</sup> 0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG 20 ... 12 AWG 20 ... 12 AWG	<b>Tool</b>  Flat screwdriver Ø 4 mm Ø 0.157 in
<b>Rated current / Rated cross section</b>		10 A / 10 mm <sup>2</sup>	22 A / 6 AWG	<b>Torque</b>  1.3 Nm ± 0.3 11.5 lb.in ± 2.65
<b>Rated voltage</b>		630 V	600 V	
<b>Impulse withstand voltage</b>		6000 V		
<b>Protection</b>		IP20	NEMA 1	

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	4 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	2.5 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

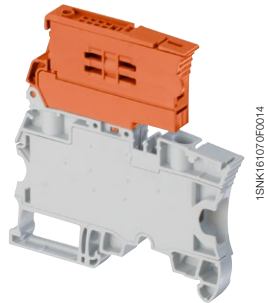
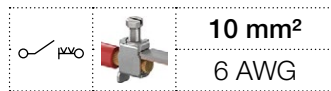
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
<b>1 End stops</b>	Dark grey	BAM4	1SNK900001R0000	50	14.00	
<b>2 Jumper bars</b>	Orange	2 poles 57 A (IEC)	JB8-2	1SNK908302R0000	50	2.70
		3 poles 57 A (IEC)	JB8-3	1SNK908303R0000	50	4.10
		4 poles 57 A (IEC)	JB8-4	1SNK908304R0000	50	5.60
		5 poles 57 A (IEC)	JB8-5	1SNK908305R0000	40	7.00
		10 poles 57 A (IEC)	JB8-10	1SNK908310R0000	20	14.20
		<b>3 Test adapters</b>	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000
For test plugs DIA 4 mm 0.157 in	TP4			1SNK900205R0000	20	2.40
<b>4 Test connectors</b>	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
<b>5 Spacers</b>	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
<b>6 Terminal block markers</b>	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

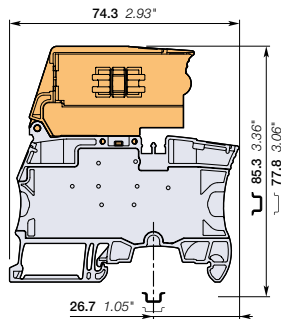
Technical data valid for copper conductors only.

# ZS10-S-R2 screw clamp terminal blocks

## Disconnect with lever - 8 mm 0.315 in spacing



ZS10-S-R2



8 mm 0.315 in spacing

### Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS10-SF:  
 – With the same profile as ZS10-SF, the ZS10-S-R2 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect Profile aligned with ZS10-SF	Grey, orange	ZS10-S-R2	1SNK508417R0000	50	35.90

### Main technical data

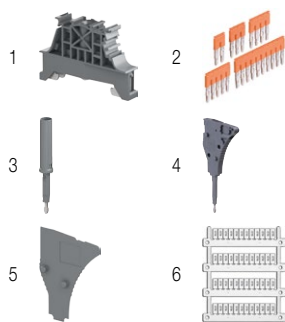
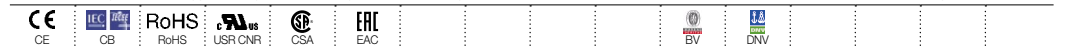
Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.5 ... 10 mm <sup>2</sup> 0.5 ... 10 mm <sup>2</sup> 0.5 ... 10 mm <sup>2</sup> 0.5 ... 6 mm <sup>2</sup> A5-B5	24 ... 6 AWG 24 ... 8 AWG 24 ... 10 AWG
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.5 ... 4 mm <sup>2</sup> 0.5 ... 4 mm <sup>2</sup> 0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG 20 ... 12 AWG 20 ... 12 AWG
<b>Rated current / Rated cross section</b>		10 A / 4 mm <sup>2</sup>	22 A / 25 AWG
<b>Maximum current / Maximum cross section</b>		25 A / 10 mm <sup>2</sup>	
<b>Rated short-time withstand current (1s)</b>		480 A	
<b>Rated voltage</b>		630 V	600 V
<b>Impulse withstand voltage</b>		6000 V	
<b>Protection</b>		IP20	NEMA 1

### Mounting instructions

Mounting instructions	Diagram	Dimensions
Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm 0.512 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		1.3 Nm ± 0.3 11.5 lb.in ± 2.65

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect lever does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

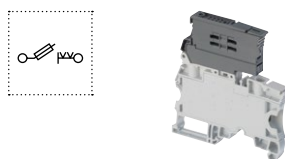
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>1 End stops</b>	Dark grey	BAM4	1SNK900001R0000	50	14.00
<b>2 Jumper bars</b>	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
<b>3 Test adapters</b>	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
<b>4 Test connectors</b>	Dark grey	TC5	1SNK900200R0000	10	5.20
		TC5-R1	1SNK900201R0000	10	5.20
<b>5 Spacers</b>	Dark grey	ES-TC8	1SNK900104R0000	10	1.40
<b>6 Terminal block markers</b>	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Fuse screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Fuse Closed block	Grey, dark grey	ZS10-SF	1SNK508418R0000	50	28.50

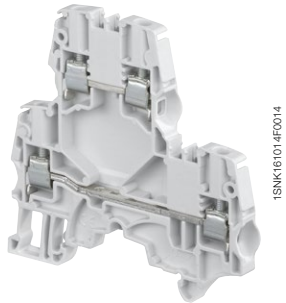
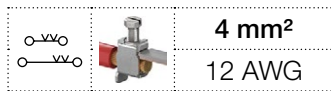
Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

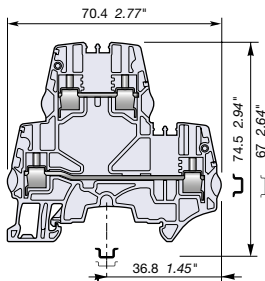


# ZS4-D2 screw clamp terminal blocks

Double deck with 2 feed-through circuits - 5.2 mm 0.205 in spacing



ZS4-D2



5.2 mm 0.205 in spacing

## Description

- Save space with double deck terminal blocks: 2 independent circuits connected in just 5.2 mm 0.205 in spacing,
- Customize yourself the ZS4-D2 by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 feed-through circuits	Grey	ZS4-D2	1SNK505210R0000	50	15.30
	Blue	ZS4-D2-BL	1SNK505220R0000	50	15.30
	Orange	ZS4-D2-OR	1SNK505230R0000	50	15.30

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
2 conductors per clamp	Gauge	A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
with twin ferrule		0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		29 A / 4 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		440 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III - 300 V 20 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

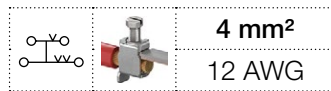
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections 2.55 mm 0.100 in	Dark grey	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90	
7 Label holders	Dark grey	LH-J	1SNK900606R0000	100	0.73	
8 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Grey	Universal wire markers holder	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZS4-D1 screw clamp terminal blocks

Double deck with 1 feed-through circuit - 5.2 mm 0.205 in spacing



4 mm<sup>2</sup>  
12 AWG

## Description

- Ease one potential distribution on 4 independent screw clamps,
- Save space by connecting conductors up to 4 mm<sup>2</sup> (CB certified) 12 AWG in just 5.2 mm 0.205 in spacing.

## Ordering details

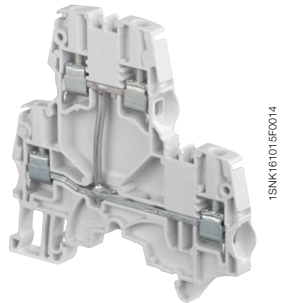
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey <input type="checkbox"/>	ZS4-D1	1SNK505211R0000	50	15.30

## Main technical data

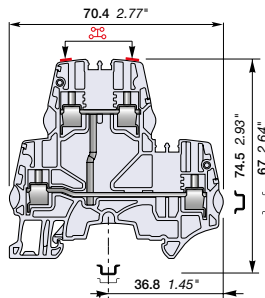
Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		29 A / 4 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

**Increased safety Ex e** 440 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/IIIC - 300 V 20 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

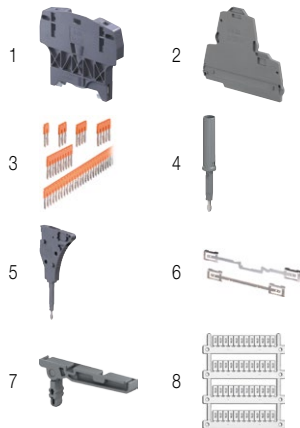
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZS4-D1



5.2 mm 0.205 in spacing



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey <input type="checkbox"/>	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey <input type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90	
7 Label holders	Dark grey <input type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1960	0.23	
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

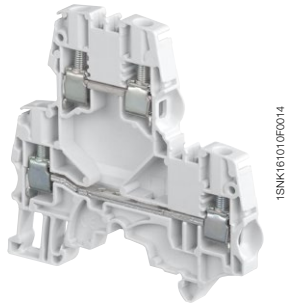
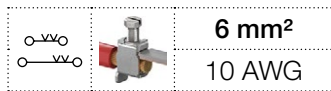
Technical data valid for copper conductors only.

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# ZS6-D2 screw clamp terminal blocks

Double deck with 2 feed-through circuits - 6 mm 0.236 in spacing



ZS6-D2

## Description

- Save space with double deck terminal blocks: 2 independent circuits connected in just 6 mm 0.236 in spacing,
- Customize yourself the ZS6-D2 by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching,
- Boost the performances: ZS6-D... with ES4-D2 end section is rated 1000 V DC IEC, perfectly adapted to solar applications.

## Ordering details

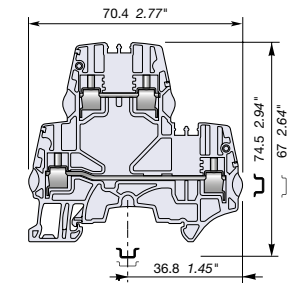
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 2 feed-through circuits	Grey	ZS6-D2	1SNK506210R0000	50	18.40
	Blue	ZS6-D2-BL	1SNK506220R0000	50	18.40
	Orange	ZS6-D2-OR	1SNK506230R0000	50	18.40
	Yellow	ZS6-D2-YL	1SNK506260R0000	50	18.40
	Red	ZS6-D2-RD	1SNK506262R0000	50	18.40
	White	ZS6-D2-WH	1SNK506265R0000	50	18.40
	Black	ZS6-D2-BK	1SNK506266R0000	50	18.40

## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG
	Flexible	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG
Rated current / Rated cross section	40 A / 6 mm <sup>2</sup>	30 A / 10 AWG	
Rated short-time withstand current (1s)	720 A		
Short Circuit Current Rating (with specific conditions)		100 kA	
Rated voltage	800 V	300 V	
Impulse withstand voltage	8000 V		
Protection	IP20	NEMA 1	

Increased safety Ex e 440 V 40 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III - 300 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

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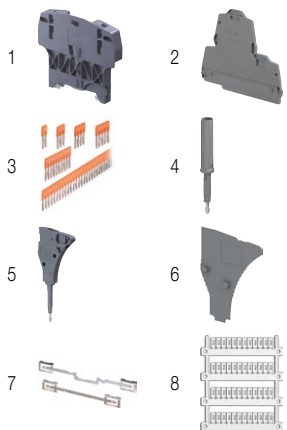


6 mm 0.236 in spacing

## Accessories

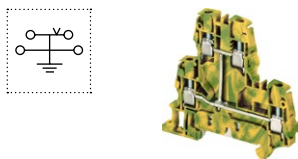
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
4 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
6 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
7 Shield connectors		SHB	1SNK900602R0000	20	4.90	
8 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



## Ground screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Profile aligned with ZS6-D2 and ZS6-D1	Green-yellow	ZS6-D1-PE	1SNK506250R0000	20	18.40

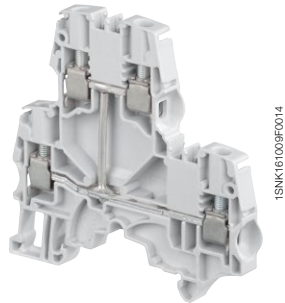
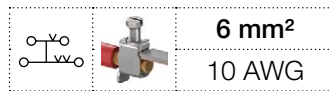


Technical data valid for copper conductors only.

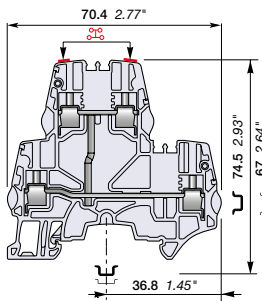


# ZS6-D1 screw clamp terminal blocks

Double deck with 1 feed-through circuit - 6 mm 0.236 in spacing



ZS6-D1



6 mm 0.236 in spacing

## Description

- Ease one potential distribution on 4 independent screw clamps,
- Save space by connecting conductors up to 6 mm<sup>2</sup> 10 AWG in just 6 mm 0.236 in spacing,
- Boost the performances: ZS6-D... with ES4-D2 end section is rated 1000 V DC IEC, perfectly adapted to solar applications.

## Ordering details

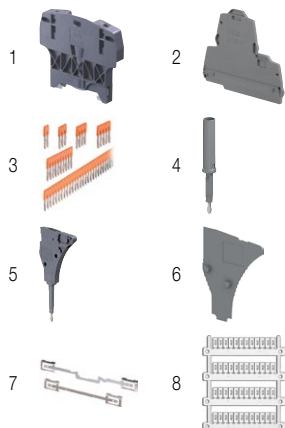
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 1 feed-through circuit	Grey <input type="checkbox"/>	ZS6-D1	1SNK506211R0000	50	18.40
	Red <input checked="" type="checkbox"/>	ZS6-D1-RD	1SNK506214R0000	50	18.40

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.2 ... 6 mm <sup>2</sup>		Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	Gauge	A4-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		40 A / 6 mm <sup>2</sup>	30 A / 10 AWG	Torque	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
Rated short-time withstand current (1s)		720 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

**Increased safety Ex e** 440 V 40 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 300 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input checked="" type="checkbox"/>	BZH1	1SNK900102R0000	20	24.00	
2 End sections 2.55 mm 0.100 in	Dark grey <input checked="" type="checkbox"/>	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles 41 A (IEC)	JB6-2	1SNK906302R0000	50	1.30
		3 poles 41 A (IEC)	JB6-3	1SNK906303R0000	50	2.10
		4 poles 41 A (IEC)	JB6-4	1SNK906304R0000	50	2.90
		5 poles 41 A (IEC)	JB6-5	1SNK906305R0000	50	3.60
		10 poles 41 A (IEC)	JB6-10	1SNK906310R0000	20	7.40
4 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors End module, 5.2 mm 0.205 in	Dark grey <input checked="" type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20	
6 Spacers 0.8 mm 0.031 in	Dark grey <input checked="" type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80	
7 Shield connectors		SHB	1SNK900602R0000	20	4.90	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK15000R0000	22	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

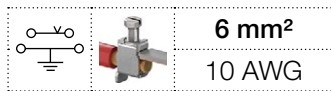
Technical data valid for copper conductors only.



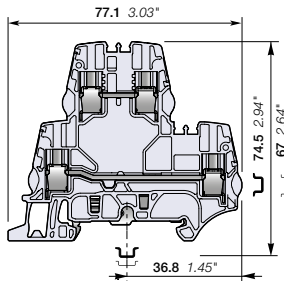
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# ZS6-D2-PE screw clamp terminal blocks

Double deck with 1 feed-through circuit and 1 ground circuit - 6 mm 0.236 in spacing



ZS6-D2-PE



6 mm 0.236 in spacing

## Description

- Save space with ZS6-D2-PE terminal blocks: 1 feed-through circuit and 1 ground circuit in just 6 mm 0.236 in spacing,
- Customize yourself the ZS6-D2-PE terminal blocks by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching.

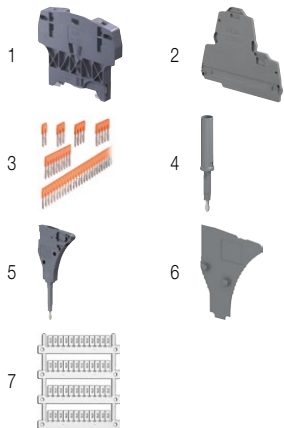
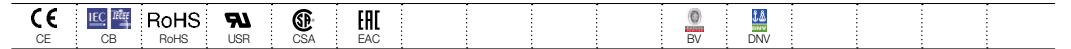
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through + ground	Grey	<input type="checkbox"/> ZS6-D2-PE	1SNK506212R0000	50	18.40

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 6 mm <sup>2</sup>		Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
	with twin ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Rated current / Rated cross section		41 A / 6 mm <sup>2</sup>	30 A / 10 AWG	Torque	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
Rated short-time withstand current (1s)		720 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

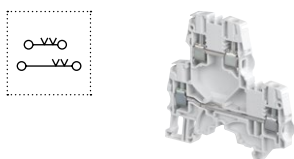


## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange	2 poles	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
		10 poles	JB6-10	1SNK906310R0000	20	7.40
4 Test adapters	Dark grey	TP4	1SNK900205R0000	20	2.40	
5 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
6 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
7 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
		Universal wire markers holder	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



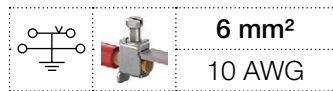
## Feed-through screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	Grey	<input type="checkbox"/> ZS6-D2	1SNK506210R0000	50	18.40

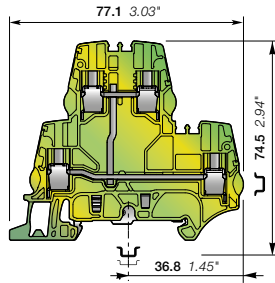
Technical data valid for copper conductors only.

# ZS6-D1-PE screw clamp terminal blocks

Double deck with 1 ground circuit - 6 mm 0.236 in spacing



ZS6-D1-PE



6 mm 0.236 in spacing

## Description

- Save space with double deck ground terminal blocks aligned with ZS6-D2 double deck terminal blocks for convenient cabling process and circuit configuration,
- Benefit from our screwless rail connection: non operator independant, secured snap on or remove from the rail, performances above the requirements of IEC 60947-7-2 standard.

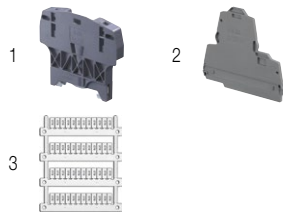
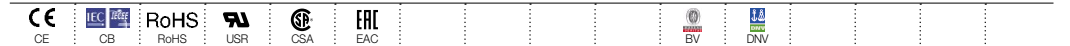
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground 1 ground circuit	Green-yellow	ZS6-D1-PE	1SNK506250R0000	20	18.40

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 6 mm <sup>2</sup>		Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A4-B3		Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		6 mm <sup>2</sup>	10 AWG	Torque	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
Rated short-time withstand current (1s)		720 A			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 End sections	Dark grey	ES4-D2	1SNK505960R0000	20	4.10
3 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

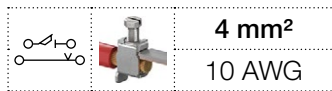
Technical data valid for copper conductors only.



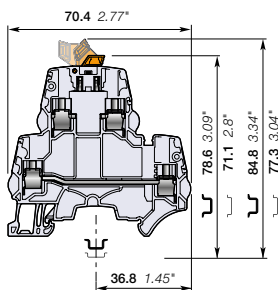
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# ZS4-D2-S screw clamp terminal blocks

Double deck with 1 disconnect circuit and 1 feed-through circuit - 5.2 mm 0.205 in spacing



ZS4-D2-S



5.2 mm 0.205 in spacing

## Description

- Save space: connect one complete circuit on a single block featuring disconnect and feed-through for the return circuit in just 5.2 mm 0.205 in spacing,
- Same profile as ZS4-D... double deck terminal blocks: convenient cabling process, aligned jumpers, markers and common end section.

## Ordering details

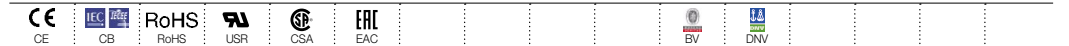
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through + disconnect	Grey <input type="checkbox"/>	ZS4-D2-S	1SNK505315R0000	50	15.90

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Disconnect circuit				Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		25 A / 4 mm <sup>2</sup>	27 A / 10 AWG		
Feed-through circuit					
Rated current / Rated cross section		29 A / 4 mm <sup>2</sup>	27 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

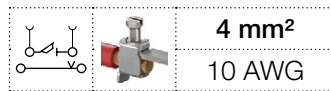
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey <input type="checkbox"/>	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey <input type="checkbox"/>	50 poles	JB5-50	1SNK905350R0000	10	36.00
		For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Shield connectors		SHB	1SNK900602R0000	20	4.90	
6 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
	Grey <input type="checkbox"/>	MC512PA	1SNK149999R0000	20	10.00	
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZS4-D2-S-T screw clamp terminal blocks

Double deck with 1 disconnect circuit with test socket screws and 1 feed-through circuit - 5.2 mm 0.205 in spacing



4 mm<sup>2</sup>  
10 AWG

## Description

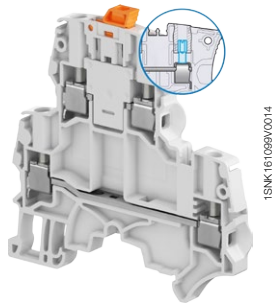
Find the same functionalities as ZS4-D2-S, upgraded with the two built-in test socket screws meant to ease your signal testing during commissioning and maintenance.

## Ordering details

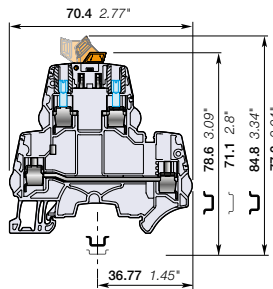
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through + disconnect	Grey <input type="checkbox"/>	ZS4-D2-S-T2	1SNK505316R0000	50	16.20 g

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Disconnect circuit				Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		25 A / 4 mm <sup>2</sup>	27 A / 10 AWG		
Feed-through circuit					
Rated current / Rated cross section		29 A / 4 mm <sup>2</sup>	27 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		



ZS4-D2-S-T



5.2 mm 0.205 in spacing

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

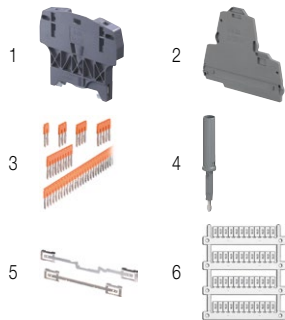


## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00 g	
2 End sections	Dark grey <input checked="" type="checkbox"/>	ES4-D2	1SNK505960R0000	20	4.10 g	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30 g
		3 poles	JB5-3	1SNK905303R0000	50	2.00 g
		4 poles	JB5-4	1SNK905304R0000	50	2.70 g
		5 poles	JB5-5	1SNK905305R0000	50	3.50 g
		10 poles	JB5-10	1SNK905310R0000	30	7.10 g
		50 poles	JB5-50	1SNK905350R0000	10	36.00 g
4 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70 g
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40 g
5 Shield connectors		SHB	1SNK900602R0000	20	4.90 g	
6 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23 g
		Blank card	MC512	1SNK140000R0000	22	9.00 g
			MC512PA	1SNK149999R0000	20	10.00 g
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

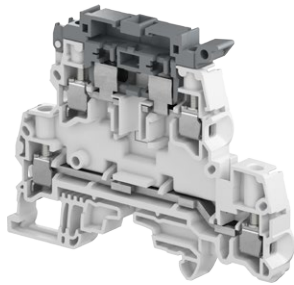
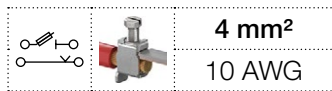


Technical data valid for copper conductors only.

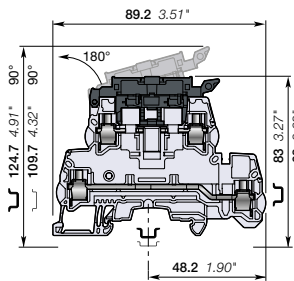
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS4-D2-SF1 screw clamp terminal blocks

Double deck with 1 fuse circuit and 1 feed-through circuit - 8 mm 0.315 in spacing



ZS4-D2-SF1



8 mm 0.315 in spacing

## Description

- Save space: connect one complete circuit on a single block featuring fuse and feed-through for the return circuit,
- Protect your circuit with either 5X20 or 5X25 fuse (fuse not supplied with the terminal blocks),
- High performances product: compliant with IEC 60947-7-3 standard and jumper channel for the feed-through circuit.

## Ordering details

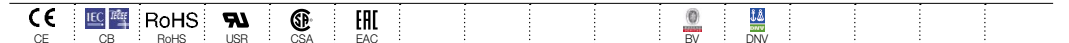
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Feed-through + fuse</b> 1 fuse circuit and 1 feed-through circuit	Grey, dark grey	ZS4-D2-SF1	1SNK508425R0000	50	27.50

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A3-B3			
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
with twin ferrule		0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
<b>Disconnect circuit</b>				Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
<b>Rated current / Rated cross section</b>		6.3 A / 4 mm <sup>2</sup>	12 A / 10 AWG		
<b>Feed-through circuit</b>					
<b>Rated current / Rated cross section</b>		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG		
<b>Rated voltage</b>		800 V	300 V		
<b>Impulse withstand voltage</b>		8000 V			
<b>Protection</b>		IP20	NEMA 1		

Separate arrangement		Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
			Exclusive short-circuit protection	4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	1.6 W
			Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

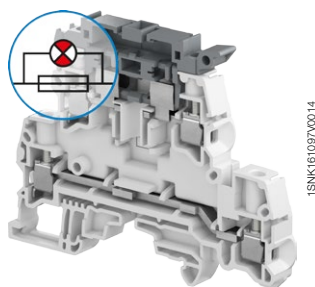
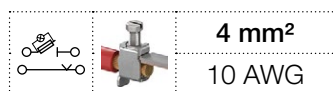
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 <b>End stops</b>	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 <b>End sections</b>	Dark grey	ES4-D2-SF1	1SNK508911R0000	20	5.00	
3 <b>Jumper bars</b>	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
4 <b>Lateral jumper bars</b>	Grey	PC81-10	1SNA173523R1100	10	5.00	
5 <b>Test adapters</b>	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 <b>Test connectors</b>	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
7 <b>Spacers</b>	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
8 <b>Assembly rods</b>		2 poles	TGA8	1SNA168672R1100	10	1.00
		3 poles	TGA8	1SNA168673R1200	10	1.50
		4 poles	TGA8	1SNA168674R1300	10	2.00
9 <b>Terminal block markers</b>	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

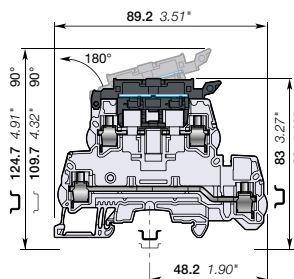
Technical data valid for copper conductors only.

# ZS4-D2-SF1-R screw clamp terminal blocks

Double deck with 1 fuse circuit with blown fuse indicator and 1 feed-through circuit - 8 mm 0.315 in spacing



ZS4-D2-SF1-R



8 mm 0.315 in spacing

## Description

- Find the same functionalities as ZS4-D2-SF1, upgraded with our integrated blown fuse indicator (with leakage current < 0.5 mA),
- Only one part number needed to fit AC / DC 24 V up to 110 V.

## Ordering details

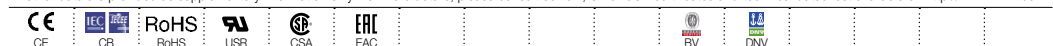
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through + fuse	Grey, dark grey	ZS4-D2-SF1-R3	1SNK508424R0000	50	29.40
		ZS4-D2-SF1-R1	1SNK508423R0000	50	29.40

## Main technical data

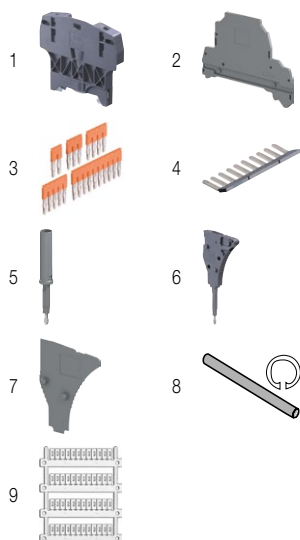
Connecting capacity	IEC	UL - CSA	Rail	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Wire stripping length	TH 35-7.5, TH 35-15 11 mm 0.433 in
	Flexible	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
Gauge		A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
	Flexible	0.2 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
with twin ferrule		0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
Disconnect circuit					
Rated current / Rated cross section		6.3 A / 4 mm <sup>2</sup>	12 A / 10 AWG		
Feed-through circuit					
Rated current / Rated cross section		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Separate arrangement	Assembly composed of 1 fuse terminal block in between non fuse terminal blocks	Overload and short-circuit protection	2.5 W
		Exclusive short-circuit protection	4 W
Compound arrangement	Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection	1.6 W
		Exclusive short-circuit protection	4 W

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories



Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey	ES4-D2-SF1	1SNK508911R0000	20	5.00	
3 Jumper bars	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
4 Lateral jumper bars	Grey	PC81-10	1SNA173523R1100	10	5.00	
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
7 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
8 Assembly rods	Dark grey	2 poles	TGA8	1SNA168672R1100	10	1.00
		3 poles	TGA8	1SNA168673R1200	10	1.50
		4 poles	TGA8	1SNA168674R1300	10	2.00
9 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

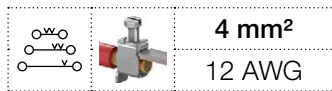
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# ZS4-T3 screw clamp terminal blocks

Triple deck with 3 feed-through circuits - 5.2 mm 0.205 in spacing



## Description

Save space: 3 independent circuits in just 5.2 mm 0.205 in spacing,

- Fit many applications: space constraints, multiple signals distribution, sensors distribution, thanks to the jumper channels available on each deck.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Feed-through</b> 3 feed-through circuits	Grey <input type="checkbox"/>	ZS4-T3	1SNK505212R0000	25	24.40

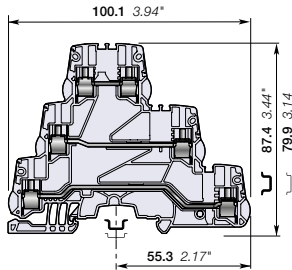
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
	Gauge	A3-B3			
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm <sup>2</sup>			
	with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
<b>Rated current / Rated cross section</b>		32 A / 4 mm <sup>2</sup>	20 A / 12 AWG		
<b>Rated short-time withstand current (1s)</b>		480 A		Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
<b>Rated voltage</b>		800 V	300 V		
<b>Impulse withstand voltage</b>		8000 V			
<b>Protection</b>		IP20	NEMA 1		



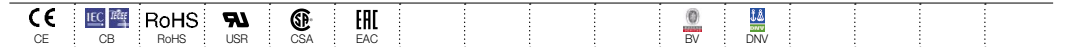
1SNK161087V0014

ZS4-T3



5.2 mm 0.205 in spacing

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
<b>1 End stops</b> 10 mm 0.394 in	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
<b>2 End sections</b> 0.8 mm 0.031 in	Dark grey <input checked="" type="checkbox"/>	ES4-T3	1SNK505961R0000	20	4.20	
<b>3 Jumper bars</b>	Orange <input checked="" type="checkbox"/>	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
		50 poles 32 A (IEC)	JB5-50	1SNK905350R0000	10	36.00
<b>4 Test adapters</b>	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
<b>5 Label holders</b>	Dark grey <input checked="" type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73	
<b>6 Terminal block markers</b>	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops.

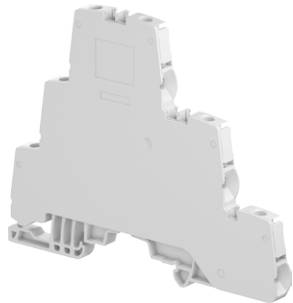
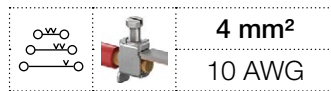
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

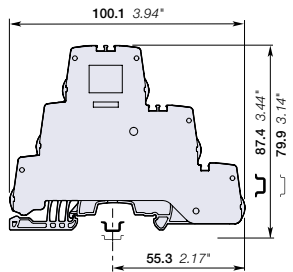


# ZS4-T3-R1 screw clamp terminal blocks

Triple deck with 3 feed-through circuits - 6 mm 0.236 in spacing



ZS4-T3-R1



6 mm 0.236 in spacing

## Description

Unique triple deck solution combining increased connecting capacity ( up to 4 mm<sup>2</sup> with ferrule) and jumper channel available on each deck,

- Fit many applications: space constraints, multiple signals distribution, sensors distribution,
- Closed terminal block: no end section needed, optimized rigidity.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Closed block with 3 feed-through circuits	Grey <input type="checkbox"/>	ZS4-T3-R1	1SNK506213R0000	50	28.30

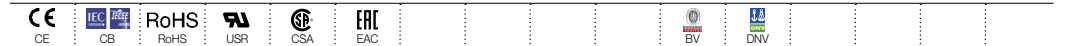
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge	0.2 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> 0.22 ... 4 mm <sup>2</sup> A3-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm <sup>2</sup> 0.2 ... 1.5 mm <sup>2</sup> 0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG
<b>Rated current / Rated cross section</b>		32 A / 4 mm <sup>2</sup>	30 A / 10 AWG
<b>Rated short-time withstand current (1s)</b>		480 A	
<b>Rated voltage</b>		800 V	300 V
<b>Impulse withstand voltage</b>		8000 V	
<b>Protection</b>		IP20	NEMA 1

## Mounting instructions

Tool	Illustration	Specifications
Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>1 End stops</b>	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00
<b>2 Jumper bars</b>	Orange <input checked="" type="checkbox"/>	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
<b>3 Test adapters</b>	Dark grey <input checked="" type="checkbox"/>	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
<b>4 Label holders</b>	Dark grey <input checked="" type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73
<b>5 Terminal block markers</b>	White <input checked="" type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

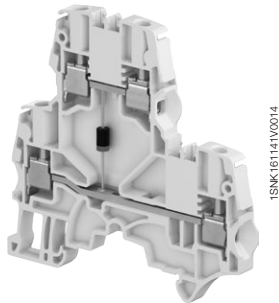
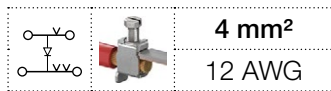
Technical data valid for copper conductors only.



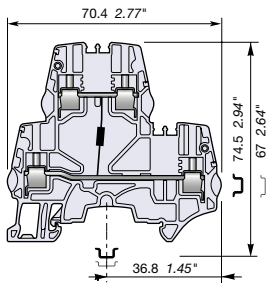
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS4-D-CH screw clamp terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



ZS4-D-CH



5.2 mm 0.205 in spacing

### Description

Protect your circuit with one 1N4007 diode.

### Ordering details

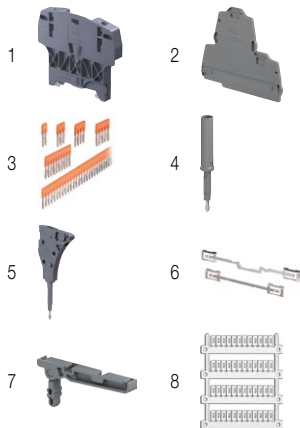
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Component holder Cathode of the blocking diode connected to the lower circuit	Grey <input type="checkbox"/>	ZS4-D-CH-UD	1SNK505214R0000	50	15.30

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>		Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible with twin ferrule	0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
Rated current / Rated cross section		29 A / 4 mm <sup>2</sup>	20 A / 12 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	300 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	ERC
CE	RoHS	UL	CSA	ERC



### Accessories

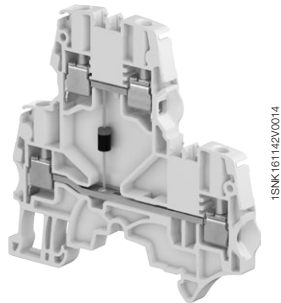
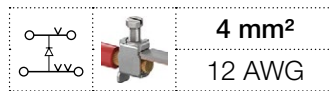
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00	
2 End sections	Dark grey <input checked="" type="checkbox"/>	ES4-D2	1SNK505960R0000	20	4.10	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
5 Test connectors	Dark grey <input checked="" type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
6 Shield connectors		SHB	1SNK900602R0000	20	4.90	
7 Label holders	Dark grey <input checked="" type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73	
8 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
		MC512	1SNK140000R0000	22	9.00	
		MC512PA	1SNK149999R0000	20	10.00	
		Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

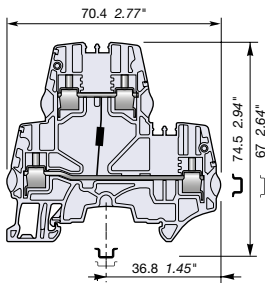
Technical data valid for copper conductors only.

# ZS4-D-CH screw clamp terminal blocks

## Component holder - 5.2 mm 0.205 in spacing



ZS4-D-CH



5.2 mm 0.205 in spacing

### Description

Protect your circuit with one 1N4007 diode.

### Ordering details

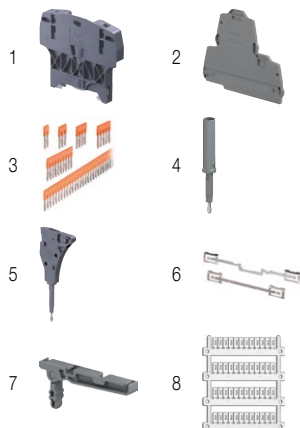
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Component holder Cathode of the blocking diode connected to the upper circuit	Grey <input type="checkbox"/>	ZS4-D-CH-DU	1SNK505215R0000	50	15.30

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm <sup>2</sup>	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm <sup>2</sup>		Wire stripping length	10 mm 0.393 in
	with non insulated ferrule	0.22 ... 4 mm <sup>2</sup>	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 2.5 mm <sup>2</sup>	24 ... 14 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG		
with twin ferrule		0.22 ... 1.5 mm <sup>2</sup>	24 ... 16 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Gauge		A3-B3			
Rated current / Rated cross section		29 A / 4 mm <sup>2</sup>	20 A / 12 AWG		
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		800 V	300 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

CE	RoHS	UL	CSA	EAC



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g		
1 End stops	Dark grey <input checked="" type="checkbox"/>	BAZH1	1SNK900102R0000	20	24.00		
2 End sections	Dark grey <input checked="" type="checkbox"/>	ES4-D2	1SNK505960R0000	20	4.10		
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles	JB5-2	1SNK905302R0000	50	1.30	
		3 poles	JB5-3	1SNK905303R0000	50	2.00	
		4 poles	JB5-4	1SNK905304R0000	50	2.70	
		5 poles	JB5-5	1SNK905305R0000	50	3.50	
		10 poles	JB5-10	1SNK905310R0000	30	7.10	
		50 poles	JB5-50	1SNK905350R0000	10	36.00	
4 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70	
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40	
5 Test connectors	Dark grey <input checked="" type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20	
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20	
			SHB	1SNK900602R0000	20	4.90	
6 Shield connectors		LH-J	1SNK900606R0000	100	0.73		
7 Label holders	Dark grey <input checked="" type="checkbox"/>						
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
		Blank card	MC512	1SNK140000R0000	22	9.00	
			MC512PA	1SNK149999R0000	20	10.00	
		Grey <input type="checkbox"/>	Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

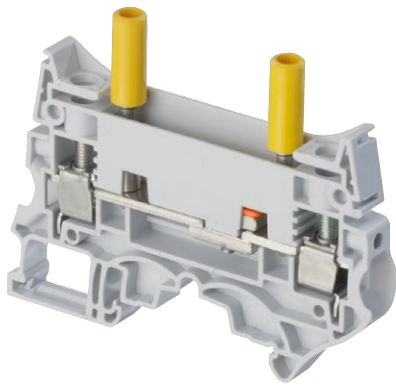
Technical data valid for copper conductors only.

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## SNK series, terminal blocks

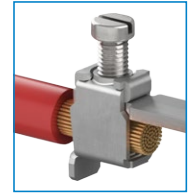
### Screw clamp technology - Test & measurement

3



### Secure your measurement operations

The new ZS10-ST test & measurement terminal blocks benefit from our long experience in the energy applications and from the SNK features: performances, ergonomics, common accessories and marking.



### High performances

- 10 mm<sup>2</sup> 6 AWG
- 6 mm<sup>2</sup> 10 AWG with ferrule
- 50 A (IEC) 53 A (UL)
- Worldwide certifications



### Rely on our smart design

Insulated short circuit bridges:  
SC-JB8

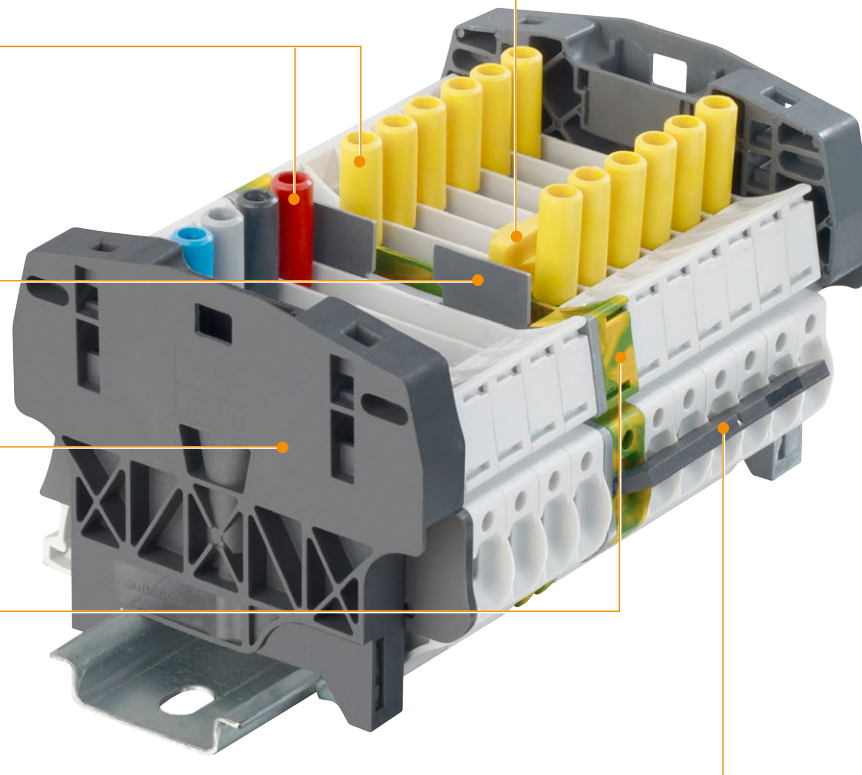
Insulated captive test sockets:  
AJS9  
6 colors  
compatible with standard  
DIA. 4 mm test plugs  
(IEC 60010-031)

Circuit separators: CS  
For visual separation between  
CT & PT circuits

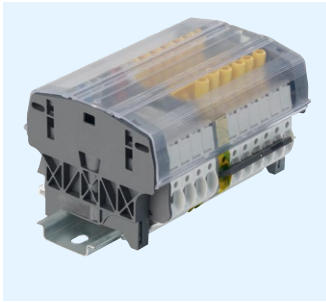
Protecting cover kits: KCO

New ground terminal block:  
ZS10-PE-R1

Lateral jumper bar: PC8  
For CT or PT commoning



1SNK160057S0201



Assembly with protecting cover



Drilling and centering guide

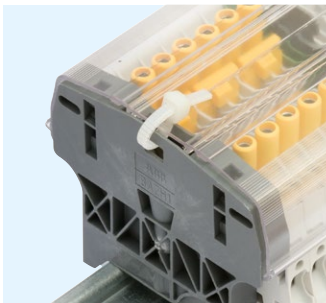
### Guarantee access only to authorized operators

cover can be permanently sealed with a seal or cable tie.

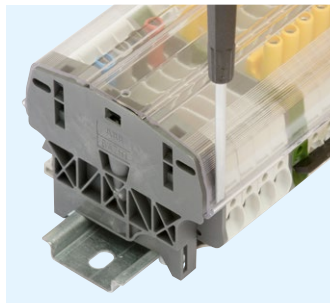
Centering drilling guide for seal or cable tie.

The cover is specially designed to ease its mounting or removal:

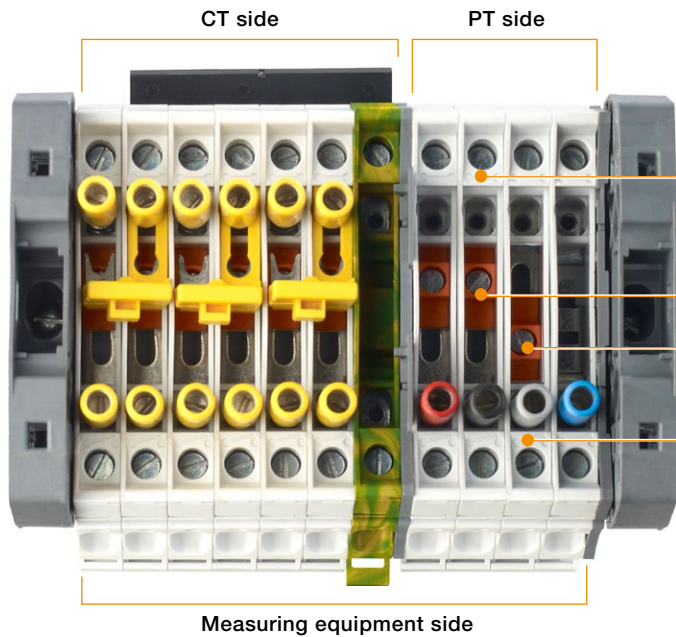
- Hook shape on each side for convenient removal with screwdriver



Seal with cable tie



Convenient removal with screwdriver



sliding link status: closed

**Disconnect sliding link status:**  
Open and close symbols help to visualize the sliding link position



sliding link status: opened



1



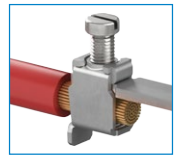
2



3

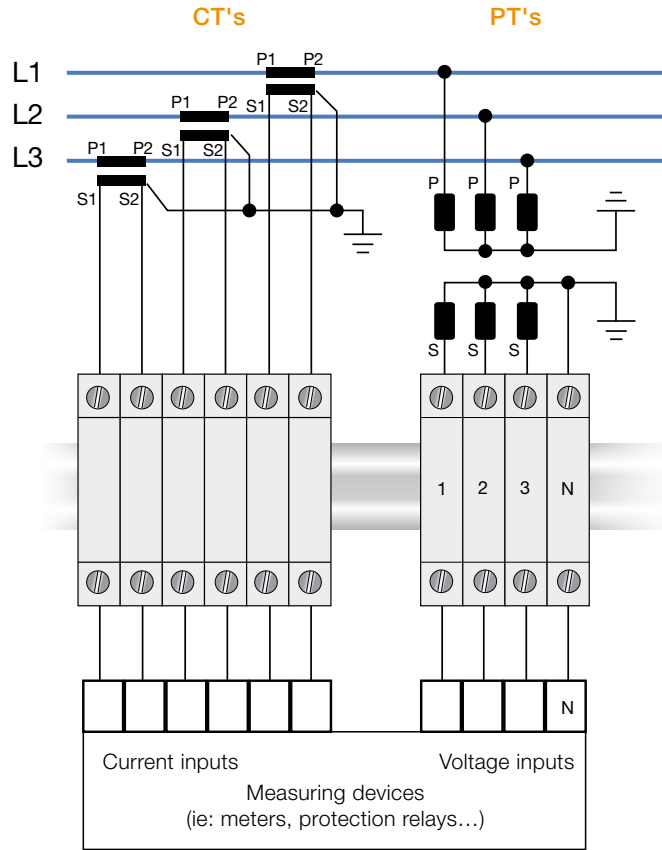
### Short-circuit CT circuits safely and conveniently

- 1 Fully operated by screwdriver (DIA 3.5 mm)
- 2 Short-circuited position secured thanks to AJS9 test sockets tightening
- 3 Adapted hook shape maintain the bridge on terminal block in the non connected position



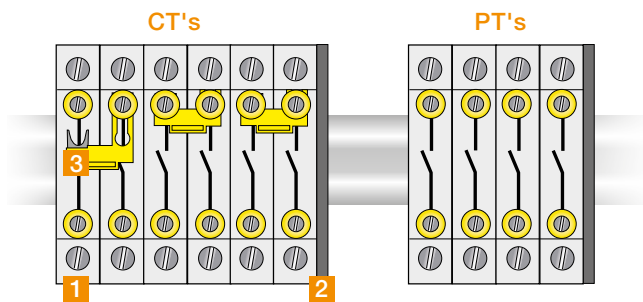
Common point on the transformers

3

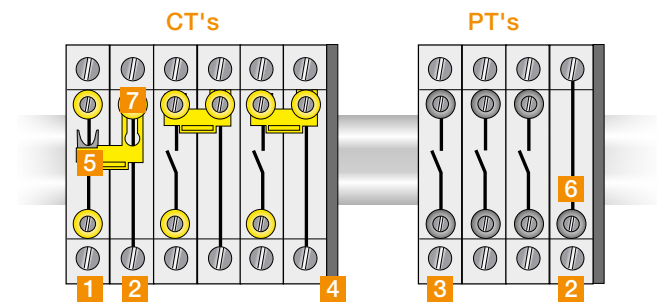


Bill of material optimized

Bill of material with convenient customization (test sockets, feed-through terminals...)



Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	6	4
2 End section	ES10-ST	1SNK508910R0000	1	1
3 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0

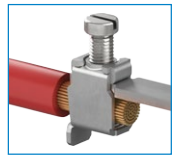


Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0
2 Terminal block	ZS10-R1	1SNK508011R0000	3	1
3 Terminal block	ZS10-ST-1	1SNK508312R0000	0	3
4 End section	ES10-ST	1SNK508910R0000	1	1
5 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0
6 Test socket	AL4-M3	1SNA206721R0100	0	1
7 Insulated test socket	AJS9	1SNA179726R0200	3	0

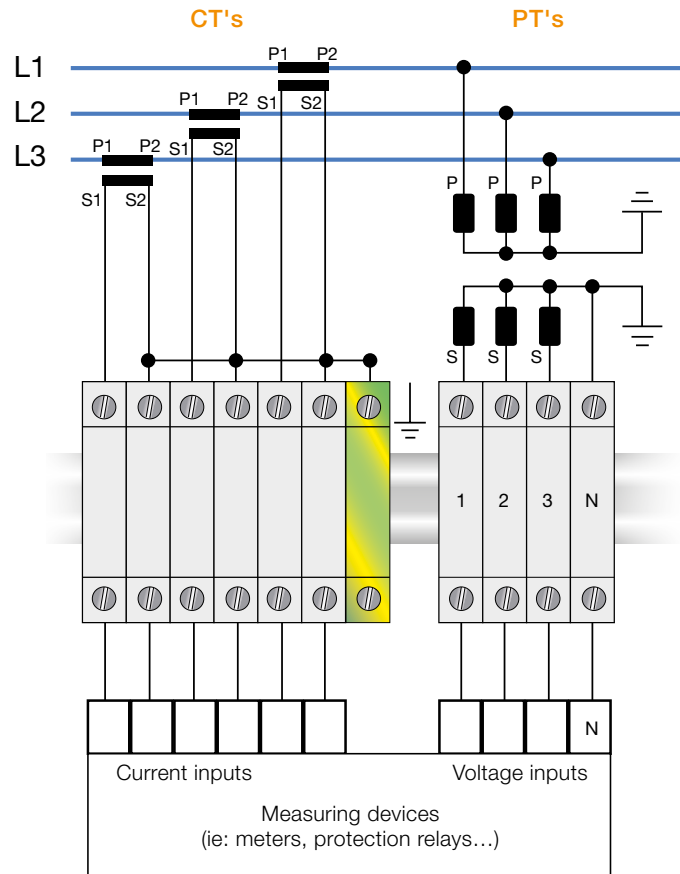
1SNK160058S0201

## SNK series, terminal blocks

Test & measurement - Typical schematic for measuring devices

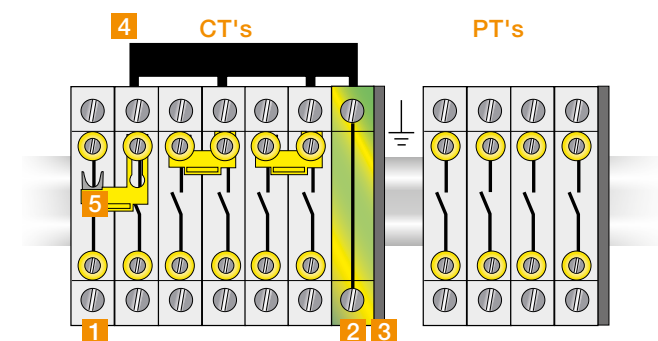


### Common point on the terminal block assembly



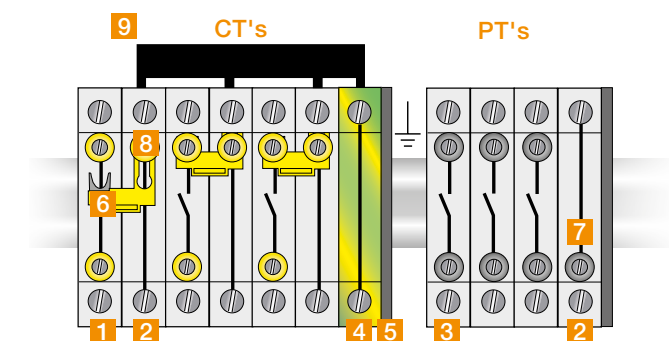
3

#### Bill of material optimized



Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	6	4
2 Terminal block	ZS10-PE-R1	1SNK508151R0000	1	0
3 End section	ES10-ST	1SNK508910R0000	1	1
4 Lateral jumper bars	PC8-R1	1SNA400711R0600	1	0
5 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0

#### Bill of material with convenient customization (test sockets, feed-through terminals...)

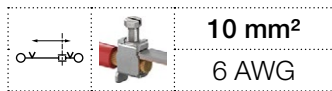


Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0
2 Terminal block	ZS10-R1	1SNK508011R0000	3	1
3 Terminal block	ZS10-ST-1	1SNK508312R0000	0	3
4 Terminal block	ZS10-PE-R1	1SNK508151R0000	1	0
5 End section	ES10-ST	1SNK508910R0000	1	1
6 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0
7 Test socket	AL4-M3	1SNA206721R0100	0	1
8 Insulated test socket	AJS9	1SNA179726R0200	3	0
9 Lateral jumper bars	PC8-R1	1SNA400711R0600	1	0

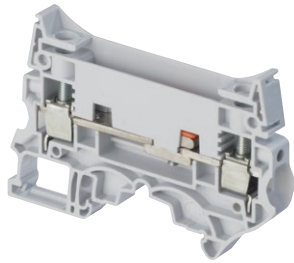
1SNK160058S0201

# ZS10-ST screw clamp terminal blocks

Test disconnect with sliding link - 8 mm 0.315 in spacing

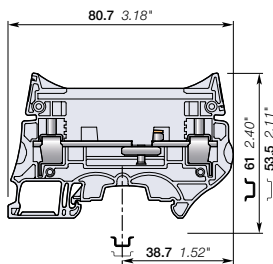


10 mm<sup>2</sup>  
6 AWG



1SNK16 1065F0014

ZS10-ST



8 mm 0.315 in spacing

## Description

- Secure your disconnect operations in control circuits with the robust sliding link operated with a screwdriver,
- Customize ZS10-ST with colored test sockets in order to identify conveniently each phase of the Current Transformer or Potential Transformers secondary circuits,
- Fully compatible with the ZS10-ST-T4 accessories.

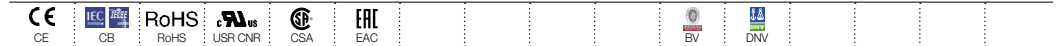
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Disconnect	Grey	ZS10-ST	1SNK508310R0000	25	24.80

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Screw clamp Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
	Flexible	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
with twin ferrule		0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Disconnect device Tool	Flat screwdriver Ø 3.5 mm Ø 0.138
Rated current / Rated cross section		50 A / 10 mm <sup>2</sup>	53 A / 6 AWG		
Rated short-time withstand current (1s)		1200 A		Torque	0.4 Nm ... 0.6 Nm 3.5 lb.in ... 5.3 lb.in
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES10-ST	1SNK508910R0000	20	3.5	
3 Jumper bars	Orange	2 poles 50 A (IEC)	JB8-2-R1	1SNK908902R0000	10	7.6
		3 poles 50 A (IEC)	JB8-3-R1	1SNK908903R0000	10	11.6
		4 poles 50 A (IEC)	JB8-4-R1	1SNK908904R0000	10	15.5
		5 poles 50 A (IEC)	JB8-5-R1	1SNK908905R0000	10	19.4
		10 poles 50 A (IEC)	JB8-10-R1	1SNK908910R0000	10	39.00
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
5 Test sockets	Yellow	AJS9	1SNA179726R0200	25	3.60	
	Black	AJS9-BK	1SNA206680R1500	25	3.60	
	Green	AJS9-GN	1SNA206681R0200	25	3.60	
	Grey	AJS9-GR	1SNA206682R0300	25	3.60	
	Blue	AJS9-BL	1SNA206683R0400	25	3.60	
	Red	AJS9-RD	1SNA206720R1400	25	3.60	
	White	AJS9-WH	1SNA206765R0000	25	3.60	
	Purple	AJS9-PR	1SNA206772R0000	25	3.60	
	Brown	AJS9-BR	1SNA206782R0000	25	3.60	
			AL4-M3	1SNA206721R0100	50	1.10
			MG-CPM 13 41791	1SNB041791R0612	1680	0.27
6 Terminal block markers		MC812	1SNK160000R0000	22	10.00	
		MC812PA	1SNK169999R0000	20	14.00	
		Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings. Complete information available in the accessories section of the catalog.

## Screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through	Grey	ZS10-R1	1SNK508011R0000	25	20.90
Ground	Green-yellow	ZS10-PE-R1	1SNK508151R0000	25	28.40



ZS10-R1



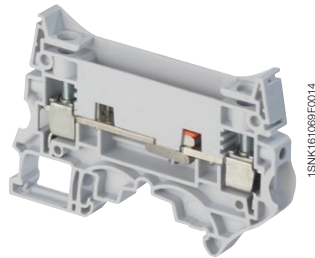
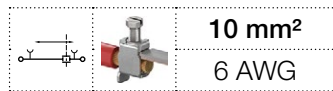
ZS10-PE-R1

Technical data valid for copper conductors only.

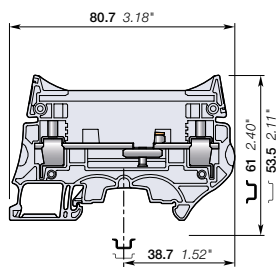


# ZS10-ST-1 screw clamp terminal blocks

Test disconnect with sliding link for Potential Transformer circuits - 8 mm 0.315 in spacing



ZS10-ST-1



8 mm 0.315 in spacing

## Description

Test terminal blocks especially designed for Potential Transformers circuits:

- low profile voltage measurement thanks to the two compact built-in test sockets compatible with DIA 4 mm 0.157 in test plugs,
- Installed with our aligned feed-through and ground terminal blocks, you benefit of a complete and compact solution for your PT circuits.

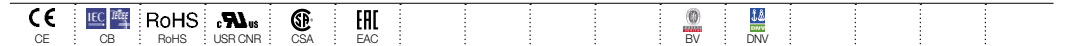
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect With 2 test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	ZS10-ST-1	1SNK508312R0000	25	27.00

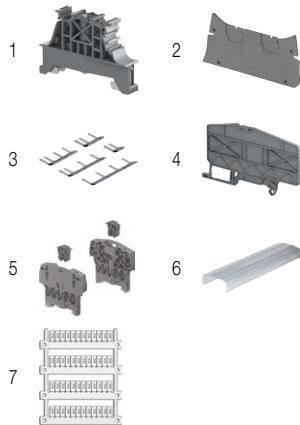
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG		
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Screw clamp Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
	with twin ferrule	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
Rated current / Rated cross section	50 A / 10 mm <sup>2</sup>	53 A / 6 AWG	Disconnect device Tool	Flat screwdriver Ø 3.5 mm Ø 0.138	0.4 Nm ... 0.6 Nm 3.5 lb.in ... 5.3 lb.in
Rated short-time withstand current (1s)	1200 A		Torque		
Rated voltage	630 V	300 V			
Impulse withstand voltage	8000 V				
Protection	IP10	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

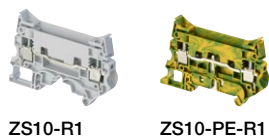


Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 End sections 2 mm 0.079 in	Dark grey <input type="checkbox"/>	ES10-ST	1SNK508910R0000	20	3.5	
3 Lateral jumper bars 10 poles	Black <input type="checkbox"/>	PC8-10	1SNA163313R2400	10	14.00	
		4/6 poles	PC8-R1	1SNA400711R0600	10	6.60
		4/8 poles	PC8-R2	1SNA400712R0700	10	7.80
		4/10 poles	PC8-R3	1SNA400713R0000	10	9.00
		3/4 poles	PC8-R4	1SNA400724R0300	10	4.50
		4/7 poles	PC8-R5	1SNA400842R0000	10	6.60
		2/3 poles	PC8-R6	1SNA400843R0000	10	6.60
		4/6 poles	PC8-R7	1SNA400849R0000	10	6.60
4/8 poles	PC8-R8	1SNA400850R0000	10	7.80		
4 Circuit separators 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Protecting cover kits	Dark grey <input type="checkbox"/>	KCO	1SNK900624R0000	1	47.80	
6 Protecting covers 1 m 39.4 in length	Transparent <input checked="" type="checkbox"/>	CO	1SNK900604R0000	1	300.00	
7 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
		MC812	1SNK160000R0000	22	10.00	
		MC812PA	1SNK169999R0000	20	14.00	
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

## Screw clamp terminal blocks



ZS10-R1

ZS10-PE-R1

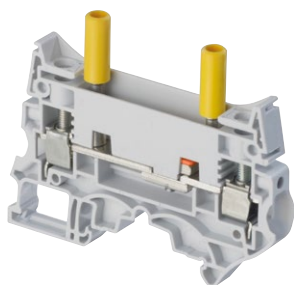
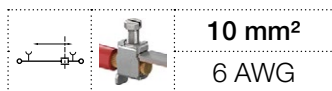
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Profile aligned with ZS10-ST...	Grey <input type="checkbox"/>	ZS10-R1	1SNK508011R0000	25	20.90
Ground Profile aligned with ZS10-ST...	Green-yellow <input type="checkbox"/>	ZS10-PE-R1	1SNK508151R0000	25	28.40

Technical data valid for copper conductors only.

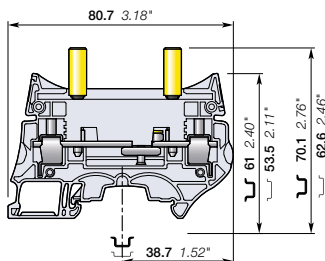
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS10-ST-T4 screw clamp terminal blocks

Test disconnect with sliding link for Current Transformer circuits - 8 mm 0.315 in spacing



ZS10-ST-T4



8 mm 0.315 in spacing

## Description

Test terminal blocks especially designed for Current Transformers circuits:

- easy and safe current measurement thanks to the two insulated built-in test sockets compatible with IP20 DIA 4 mm 0.157 in test plugs (per IEC60101-031),
- convenient short-circuit operations with the SC-JB insulated sliding bridges.

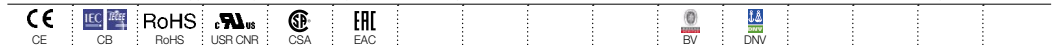
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Disconnect</b> With two yellow test sockets DIA 4 mm 0.157 in	Grey <input type="checkbox"/>	ZS10-ST-T4	1SNK508311R0000	25	31.90

## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
<b>1 conductor per clamp</b>	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Screw clamp Tool	Flat screwdriver Ø 3.5 mm 0.138 in
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
	Gauge	A5-B5		Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
<b>2 conductors per clamp</b>	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Disconnect device Tool	Flat screwdriver Ø 3.5 mm 0.138
	Flexible	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
<b>Rated current / Rated cross section</b>		50 A / 10 mm <sup>2</sup>	53 A / 6 AWG	Torque	0.4 Nm ... 0.6 Nm 3.5 lb.in ... 5.3 lb.in
<b>Rated short-time withstand current (1s)</b>		1200 A			
<b>Rated voltage</b>		630 V	300 V	Test socket Tool	Flat screwdriver Ø 3.5 mm 0.138
<b>Impulse withstand voltage</b>		8000 V			
<b>Protection</b>		IP20	NEMA 1	Torque	0.4 Nm ... 0.6 Nm 3.5 lb.in ... 5.3 lb.in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
<b>1 End stops</b> 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
<b>2 End sections</b> 2 mm 0.079 in	Dark grey <input type="checkbox"/>	ES10-ST	1SNK508910R0000	20	3.5	
<b>3 Lateral jumper bars</b>	Black <input type="checkbox"/>	10 poles	PC8-10	1SNA163313R2400	10	14.00
		4/6 poles	PC8-R1	1SNA400711R0600	10	6.60
		4/8 poles	PC8-R2	1SNA400712R0700	10	7.80
		4/10 poles	PC8-R3	1SNA400713R0000	10	9.00
		3/4 poles	PC8-R4	1SNA400724R0300	10	4.50
		4/7 poles	PC8-R5	1SNA400842R0000	10	6.60
		2/3 poles	PC8-R6	1SNA400843R0000	10	6.60
		4/6 poles	PC8-R7	1SNA400849R0000	10	6.60
4/8 poles	PC8-R8	1SNA400850R0000	10	7.80		
<b>4 Circuit separators</b> 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
<b>5 Protecting cover kits</b>	Dark grey <input type="checkbox"/>	KCO	1SNK900624R0000	1	47.80	
<b>6 Protecting covers</b> 1 m 39.4 in length	Transparent <input type="checkbox"/>	CO	1SNK900604R0000	1	300.00	
<b>7 Short circuit bridges</b>	Yellow <input type="checkbox"/>	2 poles	SC-JB8-2	1SNK900652R0000	25	2.00
		3 poles	SC-JB8-3	1SNK900653R0000	25	3.4
		4 poles	SC-JB8-4	1SNK900654R0000	25	4.7
<b>8 Terminal block markers</b>	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops.

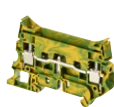
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

## Screw clamp terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Feed-through</b> Profile aligned with ZS10-ST...	Grey <input type="checkbox"/>	ZS10-R1	1SNK508011R0000	25	20.90
<b>Ground</b> Profile aligned with ZS10-ST...	Green-yellow <input type="checkbox"/>	ZS10-PE-R1	1SNK508151R0000	25	28.40



ZS10-R1

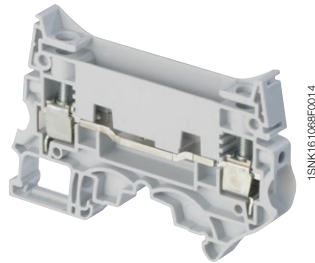
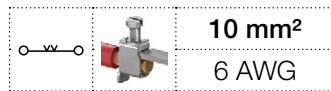


ZS10-PE-R1

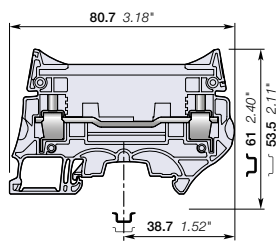
Technical data valid for copper conductors only.

# ZS10-R1 screw clamp terminal blocks

## Feed-through - 8 mm 0.315 in spacing



ZS10-R1



8 mm 0.315 in spacing

### Description

- With the same profile as the ZS10-ST..., the feed-through ZS10-R1 allows you to fully implement the electrical drawing of your CT or PT circuits,
- Fully compatible with the ZS10-ST... accessories.

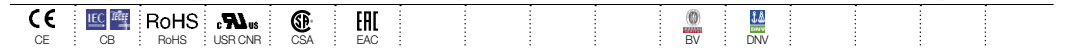
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through Profile aligned with ZS10-ST..	Grey <input type="checkbox"/>	ZS10-R1	1SNK508011R0000	25	20.90

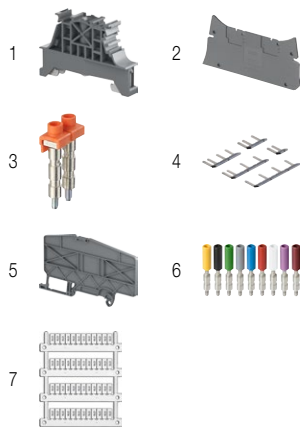
### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm <sup>2</sup>		Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG		
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG		
Gauge		A5-B5			
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.5 ... 4 mm <sup>2</sup>			
	with twin ferrule	0.5 ... 4 mm <sup>2</sup>	20 ... 12 AWG		
Rated current / Rated cross section		57 A / 10 mm <sup>2</sup>	62 A / 6 AWG	Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
Rated short-time withstand current (1s)		1200 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



### Accessories



Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 End sections 2 mm 0.079 in	Dark grey <input type="checkbox"/>	ES10-ST	1SNK508910R0000	20	3.5	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 50 A (IEC)	JB8-2-R1	1SNK908902R0000	10	7.6
		3 poles 50 A (IEC)	JB8-3-R1	1SNK908903R0000	10	11.6
		4 poles 50 A (IEC)	JB8-4-R1	1SNK908904R0000	10	15.5
		5 poles 50 A (IEC)	JB8-5-R1	1SNK908905R0000	10	19.4
		10 poles 50 A (IEC)	JB8-10-R1	1SNK908910R0000	10	39.00
4 Lateral jumper bars	Black <input type="checkbox"/>	4/7 poles	PC8-R5	1SNA400842R0000	10	6.60
		2/3 poles	PC8-R6	1SNA400843R0000	10	6.60
		4/6 poles	PC8-R7	1SNA400849R0000	10	6.60
		4/8 poles	PC8-R8	1SNA400850R0000	10	7.80
5 Circuit separators 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
6 Test sockets Test sockets DIA 4 mm 0.157 in	Yellow <input type="checkbox"/>	AJS9	1SNA179726R0200	25	3.60	
7 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

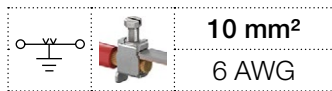
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

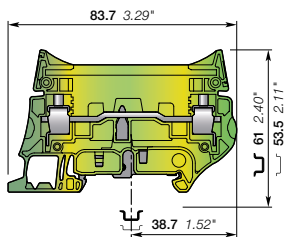
The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZS10-PE-R1 screw clamp terminal blocks

Ground - 8 mm 0.315 in spacing



ZS10-PE-R1



8 mm 0.315 in spacing

## Description

- With the same profile as the ZS10-ST..., the ground ZS10-PE-R1 allows you to fully implement the electrical drawing of your CT or PT circuits,
- Fully compatible with the ZS10-ST... accessories,
- Short-circuit performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

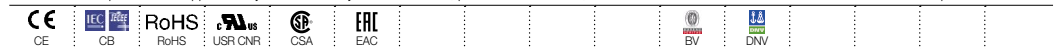
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground Profile aligned with ZS10-ST...	Green-yellow	ZS10-PE-R1	1SNK508151R0000	25	28.40

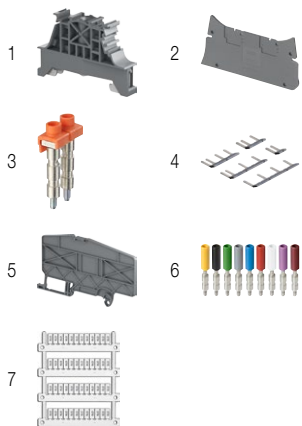
## Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm <sup>2</sup>	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible with non insulated ferrule	0.5 ... 10 mm <sup>2</sup>	24 ... 8 AWG	Wire stripping length	13 mm 0.512 in
	with insulated ferrule	0.5 ... 6 mm <sup>2</sup>	24 ... 10 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Gauge	A5-B5		Torque	1.3 Nm ± 0.3 11.5 lb.in ± 2.65
Rated cross section	10 mm <sup>2</sup>	6 AWG			
Rated short-time withstand current (1s)	1200 A	1596 A			
Protection	IP20	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



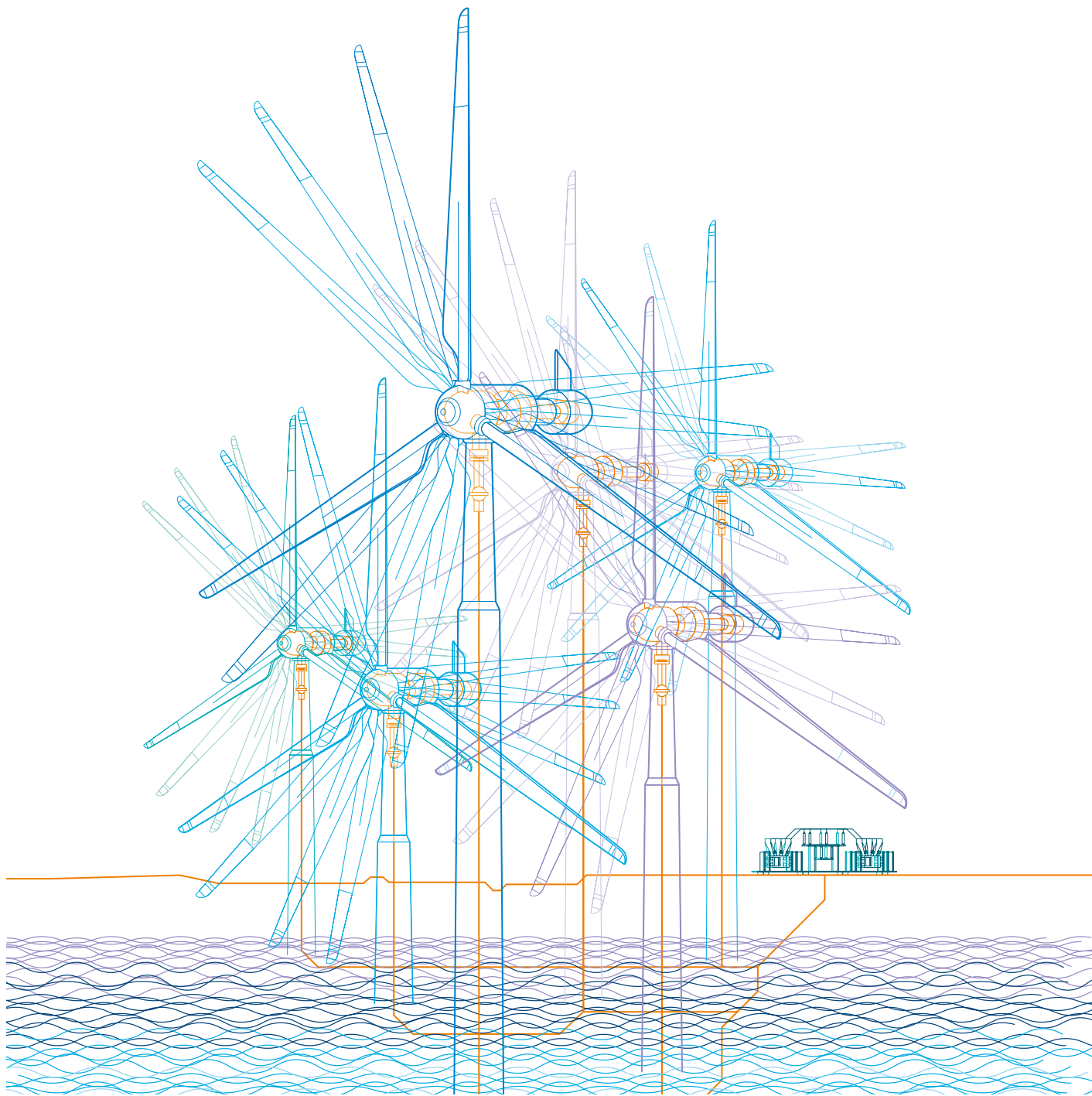
## Accessories

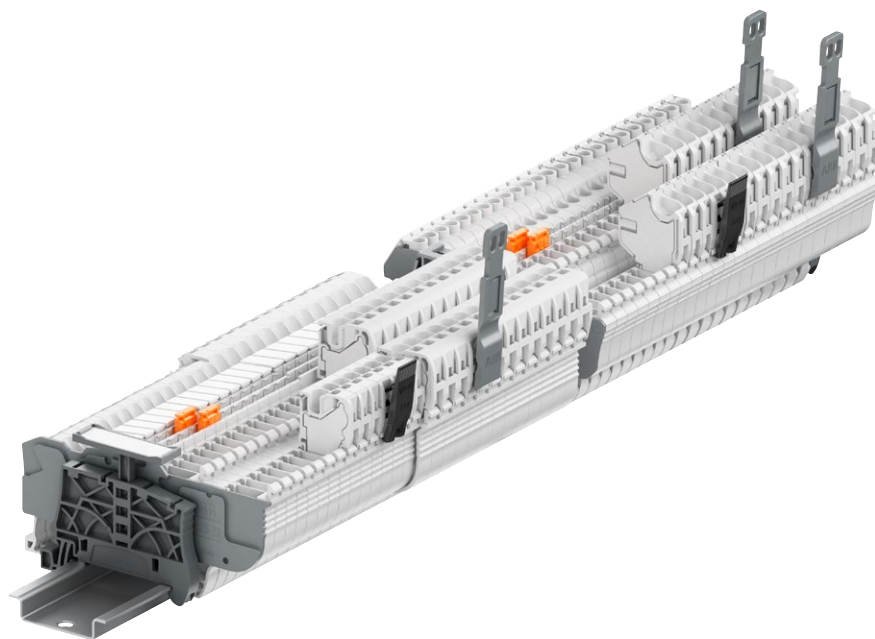


Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections 2 mm 0.079 in	Dark grey	ES10-ST	1SNK508910R0000	20	3.5	
3 Jumper bars	Orange	2 poles 50 A (IEC)	JB8-2-R1	1SNK908902R0000	10	7.6
		3 poles 50 A (IEC)	JB8-3-R1	1SNK908903R0000	10	11.6
		4 poles 50 A (IEC)	JB8-4-R1	1SNK908904R0000	10	15.5
		5 poles 50 A (IEC)	JB8-5-R1	1SNK908905R0000	10	19.4
		10 poles 50 A (IEC)	JB8-10-R1	1SNK908910R0000	10	39.00
4 Lateral jumper bars	Black	4/7 poles	PC8-R5	1SNA400842R0000	10	6.60
		2/3 poles	PC8-R6	1SNA400843R0000	10	6.60
		4/6 poles	PC8-R7	1SNA400849R0000	10	6.60
		4/8 poles	PC8-R8	1SNA400850R0000	10	7.80
5 Circuit separators 3 mm 0.118 in	Dark grey	CS-R3	1SNK900107R0000	20	6.40	
6 Test sockets Test sockets DIA 4 mm 0.157 in	Yellow	AJS9	1SNA179726R0200	25	3.60	
7 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
		MC812	1SNK160000R0000	22	10.00	
		MC812PA	1SNK169999R0000	20	14.00	
	Grey	UMH	1SNK900611R0000	10	0.20	

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.





## SNK series, terminal blocks

### Pluggable technology



Technologies presentation	158
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#### PI-Spring - Feed-through

2.5 mm <sup>2</sup> / 12 AWG	<b>ZDK2.5-22</b>	164
	<b>CDK2.5</b>	165
4 mm <sup>2</sup> / 10 AWG	<b>ZDK4-22</b>	166
	<b>CDK4</b>	167

#### Screw - Feed-through

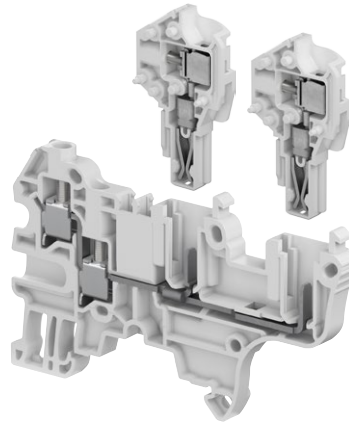
4 mm <sup>2</sup> / 10 AWG	<b>ZDS4-22</b>	168
	<b>CDS4</b>	169
	<b>ZDS4-22-R1</b>	170
	<b>CDS4-R1</b>	171

## SNK series, terminal blocks

### Pluggable technology



PI-Spring/Pluggable



Screw clamp/Pluggable

4

## Smart Connections

### Reliable in harsh conditions

Combine the benefits of our smart connections with the flexibility of the pluggable technology.

Qualified for worldwide applications such as marine or railways, withstanding the most severe vibration and shock tests.



## Smart Logistics

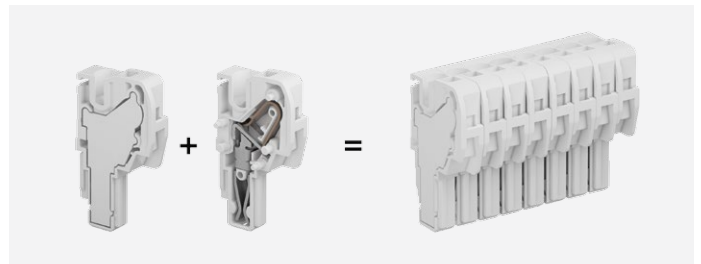
### Cost effective solutions

Create your own assemblies without tooling:

- Easily snap together multiple plugs
- Eliminate stock of pre-configured plugs.

Reduce your stock of unitary plugs:

- With only 2 plug variants needed.



Only two plug variants are required to compose harnesses up to 15 poles.

## Smart Design

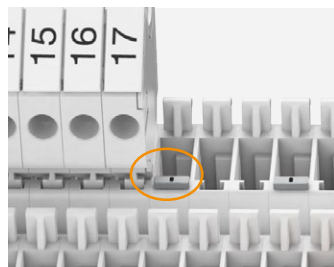
### Safety and protection

Eliminate connection errors with coding pegs:

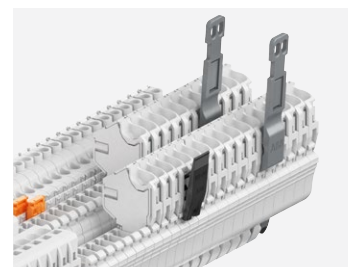
- Simply insert the pegs to create a coding sequence.

Secure your wiring against accidental tearing:

- Automatic locking function
- Lock safely 2 to 8 plugs with only one locking device.



Convenient coding pegs.

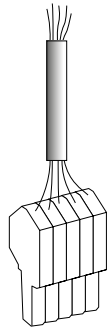


Locking device.

1SNK164014S0201

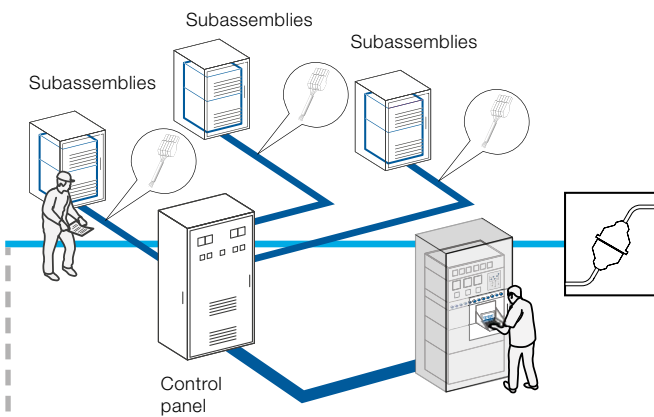
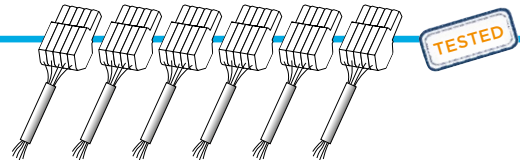


# Pluggable technology allows to increase productivity and secure the installation.



## Serialize plugs harnesses

Instead of one to one wiring, the wires are combined in one single plug harness. Production and testing of harnesses can be serialized and outsourced.

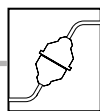
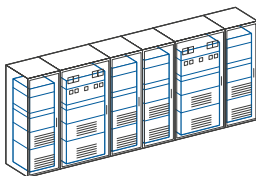
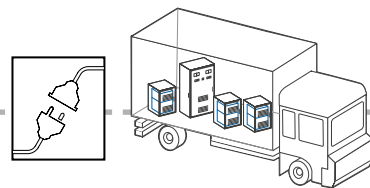


## Mounting time reduced by 90%

Reduce the mounting and testing time of the whole equipment by connecting subassemblies with pluggable terminal blocks and harnesses. Ease the factory commissioning.

## Disconnect for transportation

Easily disconnect the harnesses if needed for convenient transportation of big equipment.



## Quickly secure on-site reconnection

Secure on-site installation: Final reconnection is done in few quick steps and fully secured thanks to error-free coding system. Facilitate final commissioning.

Switchgear panels

Elevators

Rolling stocks

Industry

HVAC

Marine

# SNK series, terminal blocks

Pluggable technology

Range overview from 2.5 to 4 mm<sup>2</sup> – 12 to 10 AWG

## PI-Spring/Pluggable

2x2



Connections

**Plugs**

**Compact plug**  
Save up to 15% in height

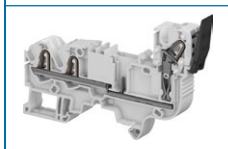
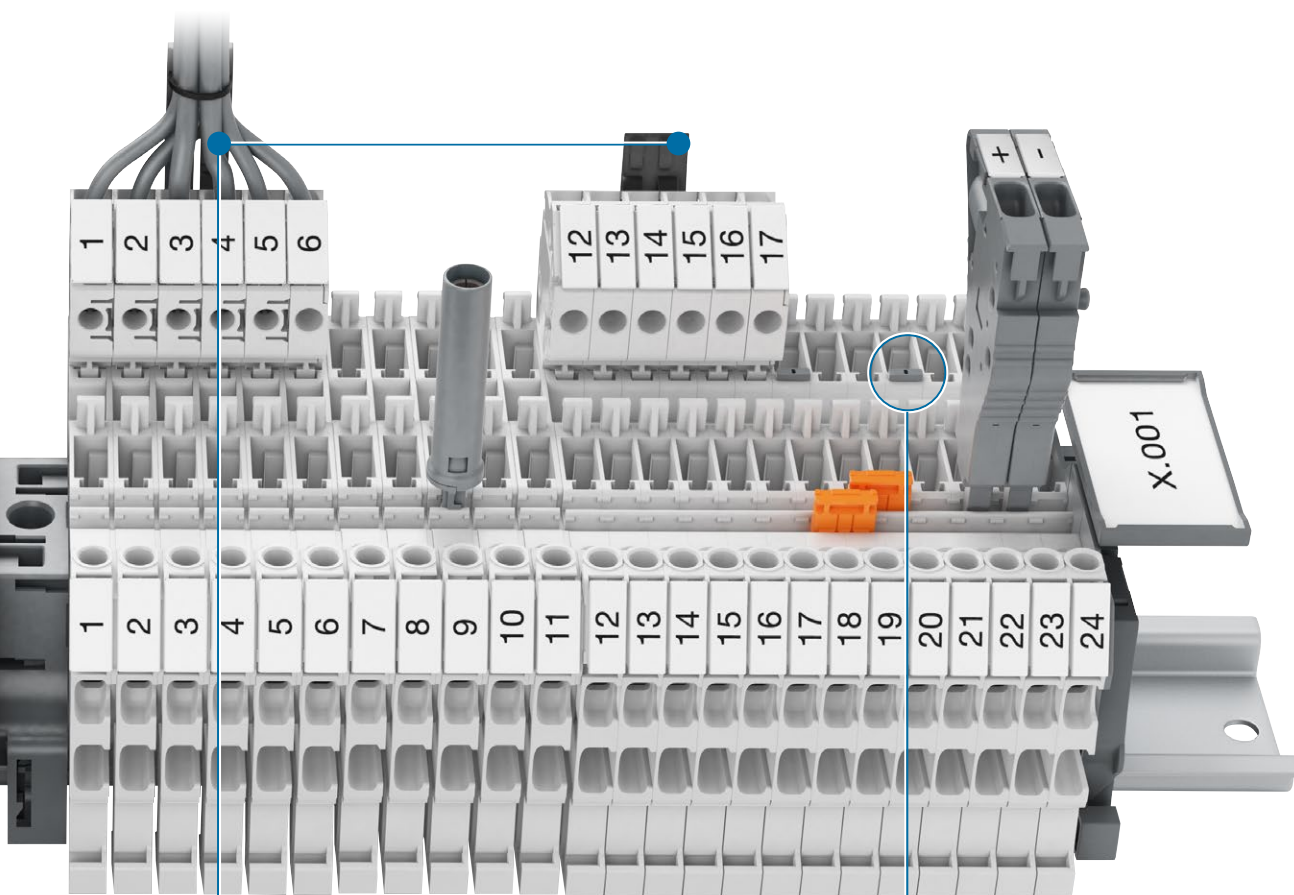
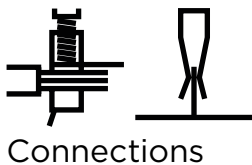
**Reduced plug variants**  
Only two plugs variants to create assemblies

No need of end section between 2.5 and 4 mm<sup>2</sup> terminal blocks

**Voltage test**  
Screwdriver entry point accepts category II probes

## Screw clamp/Pluggable

2x2



**Locking device**  
Secure wiring  
against accidental  
pulling



**Convenient  
coding pegs**  
Guarantee error free  
plugs insertion

# SNK series, terminal blocks

## Pluggable

### PI-Spring technology






Feed-through

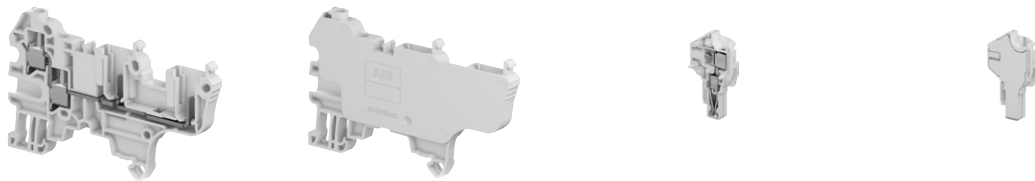
Female plugs

Closed female plugs

4

Section				
2.5 mm <sup>2</sup>	12 AWG	ZDK2.5-22	CDK2.5	CDK2.5-E
4 mm <sup>2</sup>	10 AWG	ZDK4-22	CDK4	CDK4-E




### Screw clamp technology







Feed-through

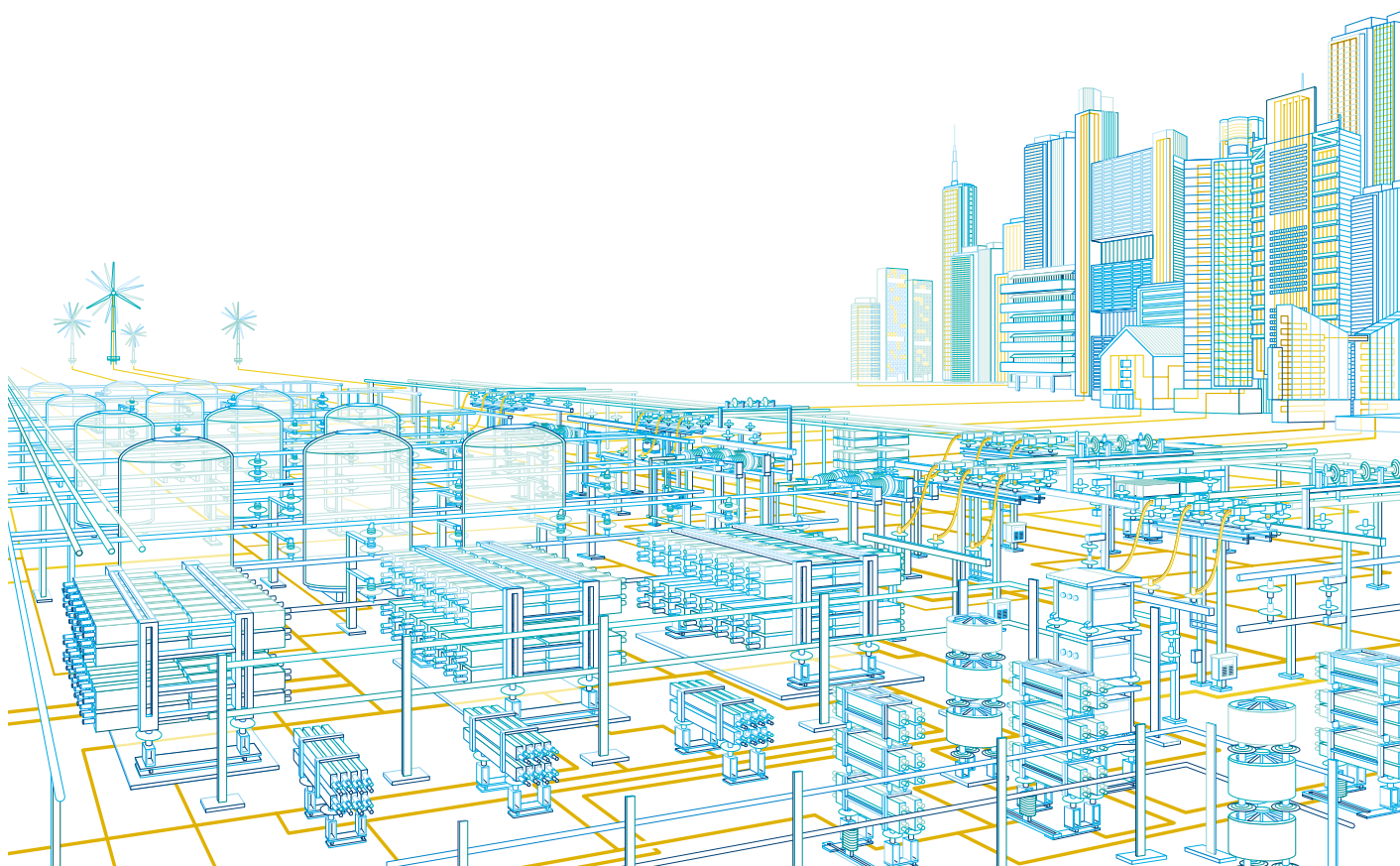
Female plugs

Closed female plugs

Section				
4 mm <sup>2</sup>	10 AWG	ZDS4-22	CDS4	CDS4-E
				CDS4-R1

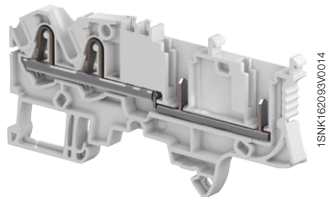
 Clamp - 
  Channels for jumpering or testing - 
  Test socket - 
  Blown-fuse indicator

1SNK164018S0201

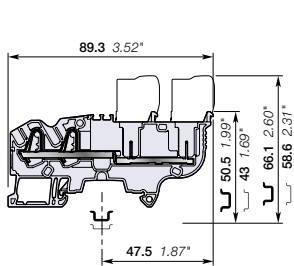


# ZDK2.5-22 pluggable terminal blocks

PI-Spring - Feed-through - 5.2 mm 0.205 in spacing



ZDK2.5-22



5.2 mm 0.205 in spacing

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 4 connections	Grey <input type="checkbox"/>	ZDK2.5-22	1SNK805010R0000	50	9.60

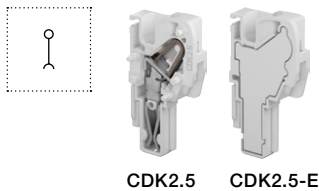
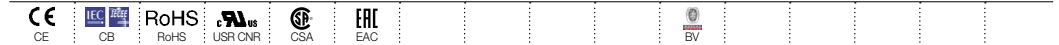
## Main technical data

Connecting capacity	IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	26 ... 12 AWG
	Flexible	26 ... 12 AWG
	with non insulated ferrule	26 ... 14 AWG
	with insulated ferrule	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	26 ... 20 AWG
Rated current / Rated cross section	24 A / 2.5 mm²	22 A / 12 AWG
Rated short-time withstand current (1s)	300 A	
Rated voltage	1000 V	600 V
Impulse withstand voltage	8000 V	
Protection	IP20	NEMA 1

## Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



CDK2.5 CDK2.5-E

## Female plugs

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs 1 pole	Grey <input type="checkbox"/>	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed		CDK2.5-E	1SNK805713R0000	50	2.80

15 poles max.

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 5.2 mm 0.205 in	Dark grey <input type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections 2.2 mm 0.087 in	Dark grey <input type="checkbox"/>	EDK2.5-22	1SNK805910R0000	20	3.15	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
		50 poles 32 A (IEC)	JB5-50	1SNK905350R0000	10	36.00
4 Cross spacing jumpers 3 poles 32 A (IEC)	Orange <input type="checkbox"/>	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
6 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey <input type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK140000R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Coding pegs	Dark grey <input type="checkbox"/>	COP-ZD	1SNK900636R0000	10	3.57	
9 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

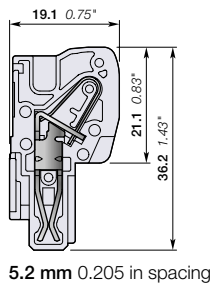
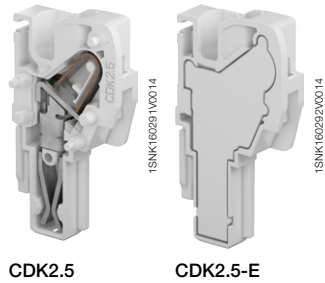
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# CDK2.5 female plugs

PI-Spring - 5.2 mm 0.205 in spacing



## Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

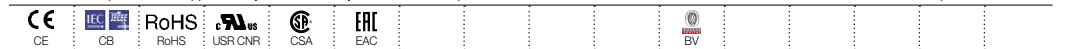
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs	Grey <input type="checkbox"/>	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed		CDK2.5-E	1SNK805713R0000	50	2.80

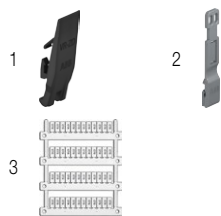
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG	Rail	
	Flexible	0.22 ... 2.5 mm²	26 ... 12 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG		
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm²	22 A / 12 AWG		
Rated short-time withstand current (1s)		300 A			
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Mounting instructions



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 Locking devices	Black <input checked="" type="checkbox"/>	VR-ZD	1SNK900637R0000	50	0.7
2 Cable Clamp	Dark grey <input checked="" type="checkbox"/>	PT-ZD	1SNK900660R0000	50	1.04
3 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MG-CPMFA 43196	1SNB043196R0012	350	2.56
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

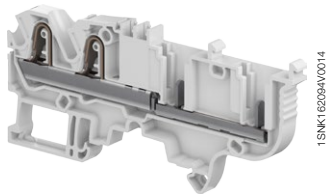
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

# ZDK4-22 pluggable terminal blocks

## PI-Spring - Feed-through - 6 mm 0.236 in spacing



### Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5-R1 + ES-TC6) withstanding 10 000 operations are compatible for convenient testing.

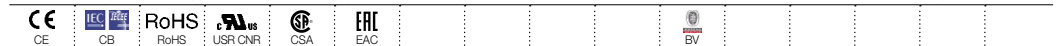
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 4 connections	Grey <input type="checkbox"/>	ZDK4-22	1SNK806010R0000	50	14.30

### Main technical data

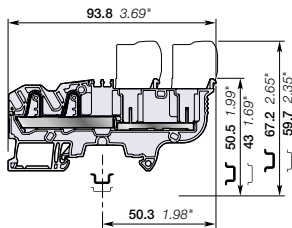
Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 4 mm²	26 ... 10 AWG	Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG		
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG		
Rated current / Rated cross section		30 A / 4 mm²	30 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZDK4-22

4

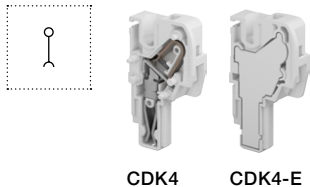


6 mm 0.236 in spacing

### Female plugs

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs 1 pole	Grey <input type="checkbox"/>	CDK4	1SNK806712R0000	50	3.80
Female plugs without outer nubs - Closed		CDK4-E	1SNK806713R0000	50	4.50

15 poles max.



### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 5.2 mm 0.205 in	Dark grey <input checked="" type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30	
2 End sections 2.2 mm 0.087 in	Dark grey <input checked="" type="checkbox"/>	EDK2.5-22	1SNK805910R0000	20	3.15	
3 Jumper bars	Orange <input checked="" type="checkbox"/>	2 poles 41 A (IEC)	JB6-2	1SNK906302R0000	50	1.30
		3 poles 41 A (IEC)	JB6-3	1SNK906303R0000	50	2.10
		4 poles 41 A (IEC)	JB6-4	1SNK906304R0000	50	2.90
		5 poles 41 A (IEC)	JB6-5	1SNK906305R0000	50	3.60
		10 poles 41 A (IEC)	JB6-10	1SNK906310R0000	20	7.40
		50 poles 41 A (IEC)	JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers 3 poles 32 A (IEC)	Orange <input checked="" type="checkbox"/>	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators 3 mm 0.118 in	Dark grey <input checked="" type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
6 Test adapters	Dark grey <input checked="" type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey <input checked="" type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers 0.8 mm 0.031 in	Dark grey <input checked="" type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80	
9 Coding pegs	Dark grey <input checked="" type="checkbox"/>	COP-ZD	1SNK900636R0000	10	3.57	
10 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
	Grey <input type="checkbox"/>	Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

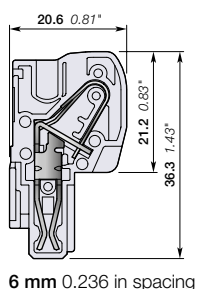
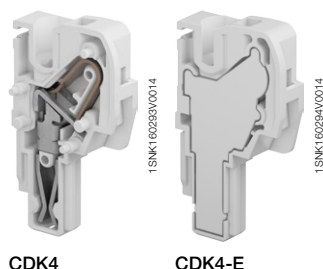
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.



# CDK4 female plugs

PI-Spring - 6 mm 0.236 in spacing



## Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs	Grey <input type="checkbox"/>	CDK4	1SNK806712R0000	50	3.80
Female plugs without outer nubs - Closed		CDK4-E	1SNK806713R0000	50	4.50

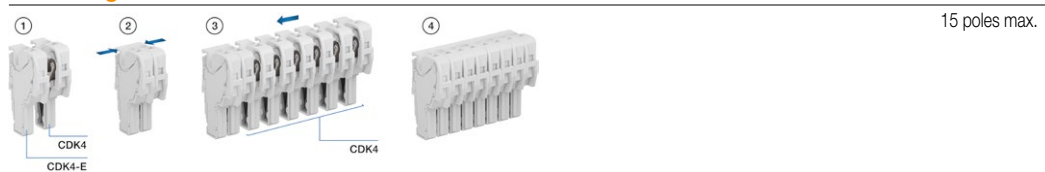
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG	Rail
	Flexible	0.5 ... 4 mm²	26 ... 12 AWG	
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG	Wire stripping length
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG	
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG	Tool (for flexible conductor without ferrule)
Rated current / Rated cross section		30 A / 4 mm²	30 A / 10 AWG	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated short-time withstand current (1s)		480 A		
Rated voltage		1000 V	600 V	
Impulse withstand voltage		8000 V		
Protection		IP20	NEMA 1	

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



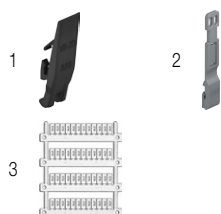
## Mounting instructions



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 Locking devices	Black <input checked="" type="checkbox"/>	VR-ZD	1SNK900637R0000	50	0.7
2 Cable Clamp	Dark grey <input checked="" type="checkbox"/>	PT-ZD	1SNK900660R0000	50	1.04
3 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MG-CPMFA 43196	1SNB043196R0012	350	2.56
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



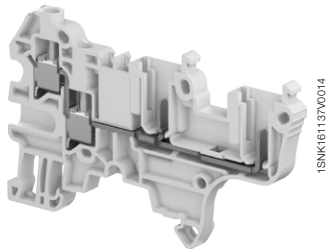
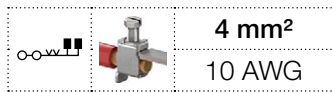
Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.



# ZDS4-22 pluggable terminal blocks

Screw clamp - Feed-through - 5.2 mm 0.205 in spacing



## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 4 connections	Grey <input type="checkbox"/>	ZDS4-22	1SNK805013R0000	50	10.80

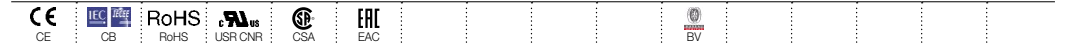
## Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
	Flexible	0.22 ... 4 mm²	24 ... 10 AWG
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	24 ... 12 AWG
Gauge		A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG
	Flexible	0.22 ... 1.5 mm²	24 ... 16 AWG
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

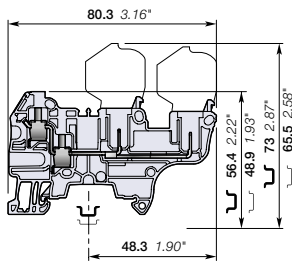
## Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

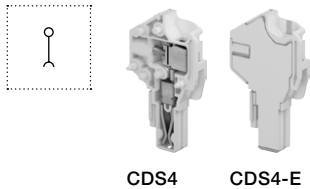
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



ZDS4-22



5.2 mm 0.205 in spacing



## Female plugs

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs 1 pole	Grey <input type="checkbox"/>	CDS4	1SNK805714R0000	50	3.90
Female plugs without outer nubs - Closed		CDS4-E	1SNK805715R0000	50	4.10

15 poles max.

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 End sections 0.8 mm 0.031 in	Dark grey <input type="checkbox"/>	EDS4-22	1SNK805911R0000	20	1.85	
3 Jumper bars	Orange <input type="checkbox"/>	2 poles 32 A (IEC)	JB5-2	1SNK905302R0000	50	1.30
		3 poles 32 A (IEC)	JB5-3	1SNK905303R0000	50	2.00
		4 poles 32 A (IEC)	JB5-4	1SNK905304R0000	50	2.70
		5 poles 32 A (IEC)	JB5-5	1SNK905305R0000	50	3.50
		10 poles 32 A (IEC)	JB5-10	1SNK905310R0000	30	7.10
50 poles 32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00	
4 Circuit separators 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
5 Test adapters	Dark grey <input type="checkbox"/>	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
6 Test connectors	Dark grey <input type="checkbox"/>	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
7 Coding pegs	Dark grey <input type="checkbox"/>	COP-ZD	1SNK900636R0000	10	3.57	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

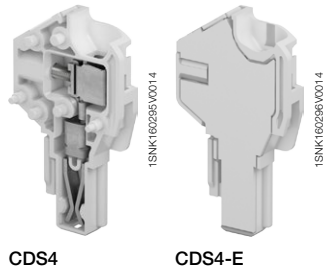
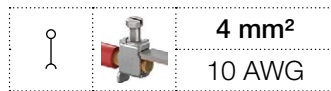
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

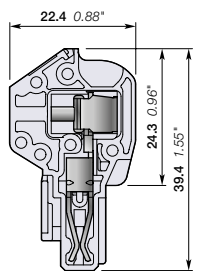
# CDS4 female plugs

Screw clamp - 5.2 mm 0.205 in spacing



CDS4

CDS4-E



5.2 mm 0.205 in spacing

## Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

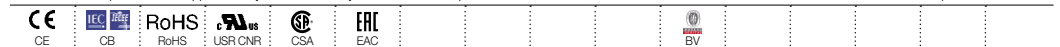
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs	Grey <input type="checkbox"/>	CDS4	1SNK805714R0000	50	3.90
Female plugs without outer nubs - Closed		CDS4-E	1SNK805715R0000	50	4.10

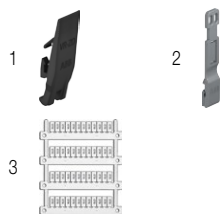
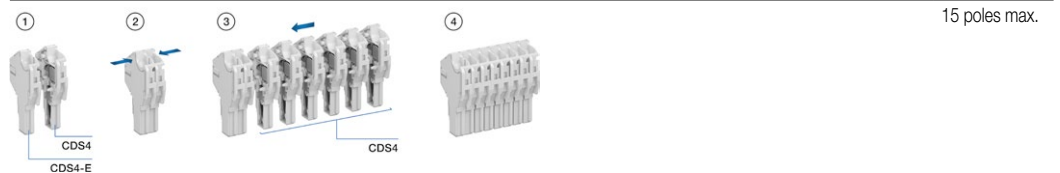
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Rail	
	Flexible	0.22 ... 4 mm²	24 ... 10 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG		
	with insulated ferrule	0.22 ... 2.5 mm²	24 ... 12 AWG		
Gauge		A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.22 ... 1.5 mm²	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG	Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Mounting instructions



## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 Locking devices	Black <input checked="" type="checkbox"/>	VR-ZD	1SNK900637R0000	50	0.7
2 Cable Clamp	Dark grey <input checked="" type="checkbox"/>	PT-ZD	1SNK900660R0000	50	1.04
3 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MG-CPMFA 43196	1SNB043196R0012	350	2.56
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

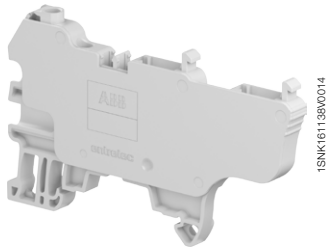
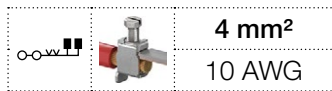
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

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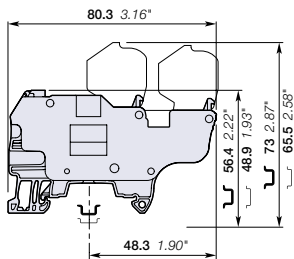
# ZDS4-22-R1 pluggable terminal blocks

## Screw clamp - Feed-through - 6 mm 0.236 in spacing



1SNK16113R00014

ZDS4-22-R1



6 mm 0.236 in spacing

### Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5-R1 + ES-TC6) withstanding 10 000 operations are compatible for convenient testing.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through 4 connections	Grey <input type="checkbox"/>	ZDS4-22-R1	1SNK806013R0000	40	12.60

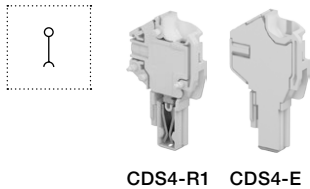
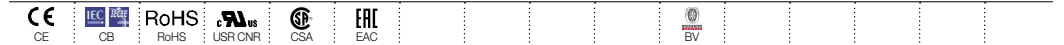
### Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
	Flexible	0.22 ... 4 mm²	24 ... 10 AWG
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
	with insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
Gauge		A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG
	Flexible	0.22 ... 1.5 mm²	24 ... 16 AWG
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

### Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



CDS4-R1 CDS4-E

### Female plugs

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs 1 pole	Grey <input type="checkbox"/>	CDS4-R1	1SNK806714R0000	50	4.10
Female plugs without outer nubs - Closed		CDS4-E	1SNK805715R0000	50	4.10

15 poles max.

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
1 End stops 10 mm 0.394 in	Dark grey <input type="checkbox"/>	BAM4	1SNK900001R0000	50	14.00	
2 Jumper bars	Orange <input type="checkbox"/>	2 poles 41 A (IEC)	JB6-2	1SNK906302R0000	50	1.30
		3 poles 41 A (IEC)	JB6-3	1SNK906303R0000	50	2.10
		4 poles 41 A (IEC)	JB6-4	1SNK906304R0000	50	2.90
		5 poles 41 A (IEC)	JB6-5	1SNK906305R0000	50	3.60
		10 poles 41 A (IEC)	JB6-10	1SNK906310R0000	20	7.40
		50 poles 41 A (IEC)	JB6-50	1SNK906350R0000	10	38.10
3 Circuit separators 3 mm 0.118 in	Dark grey <input type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40	
4 Test adapters	Dark grey <input type="checkbox"/>	TP2	1SNK900203R0000	20	1.70	
	Dark grey <input type="checkbox"/>	TP4	1SNK900205R0000	20	2.40	
5 Test connectors End module, 5.2 mm 0.205 in	Dark grey <input type="checkbox"/>	TC5-R1	1SNK900201R0000	10	5.20	
6 Spacers 0.8 mm 0.031 in	Dark grey <input type="checkbox"/>	ES-TC6	1SNK900105R0000	10	0.80	
7 Coding pegs	Dark grey <input type="checkbox"/>	COP-ZD	1SNK900636R0000	10	3.57	
8 Terminal block markers	White <input type="checkbox"/>	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

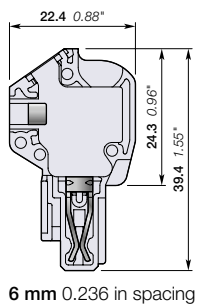
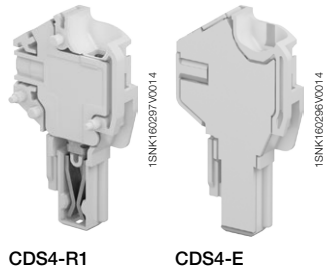
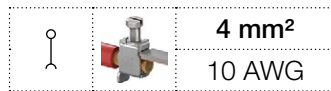
Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# CDS4-R1 female plugs

Screw clamp - 6 mm 0.236 in spacing



## Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

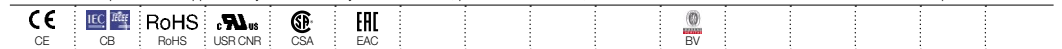
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Female plugs	Grey <input type="checkbox"/>	CDS4-R1	1SNK806714R0000	50	4.10
Female plugs without outer nubs - Closed		CDS4-E	1SNK805715R0000	50	4.10

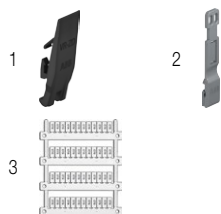
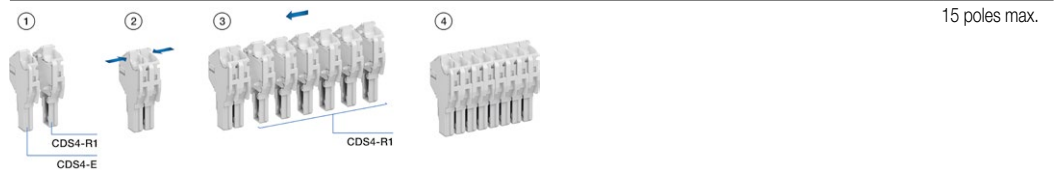
## Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Rail	
	Flexible	0.22 ... 4 mm²	24 ... 10 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG		
2 conductors per clamp	Gauge	A3-B3			
	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.22 ... 1.5 mm²	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG		
Rated short-time withstand current (1s)		480 A		Torque	0.6 Nm ± 0.1 5.31 lb.in ± 0.885
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>



## Mounting instructions



## Accessories

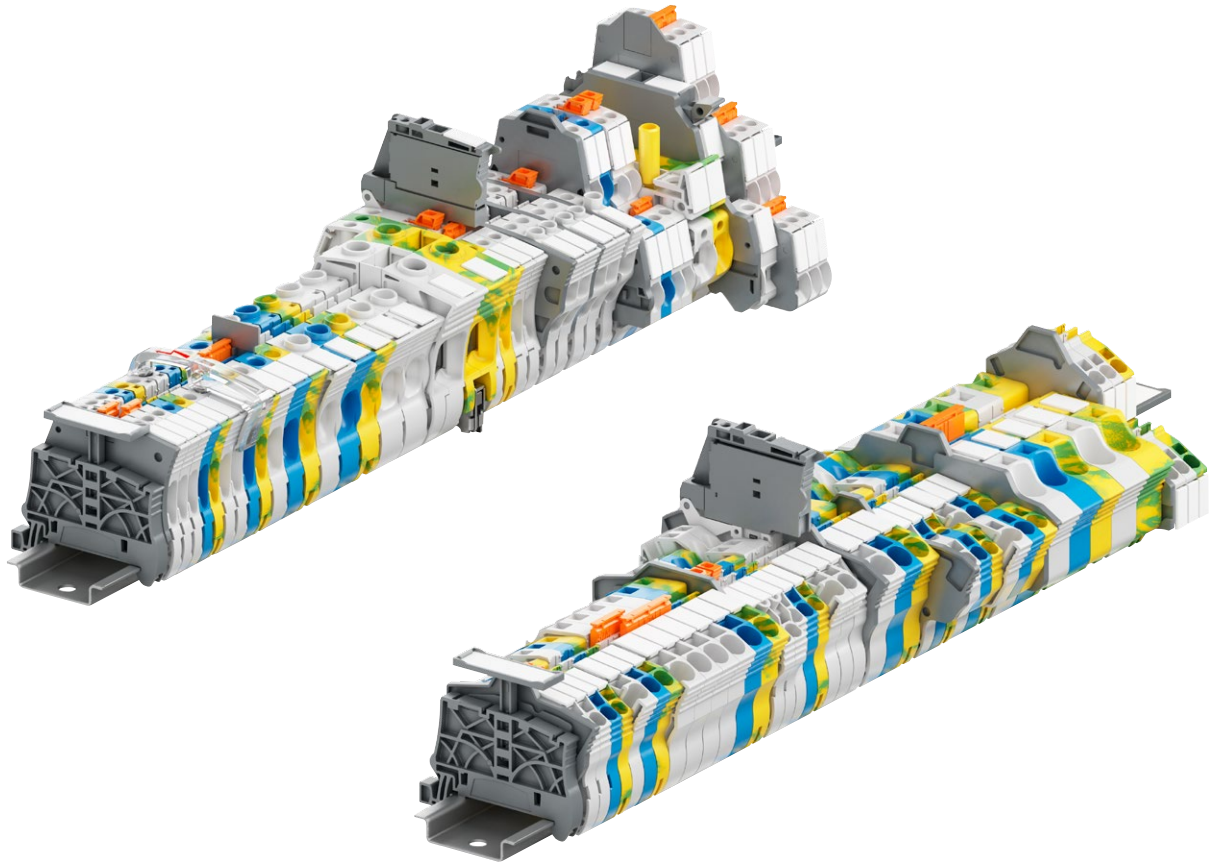
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 Locking devices	Black <input checked="" type="checkbox"/>	VR-ZD	1SNK900637R0000	50	0.7
2 Cable Clamp	Dark grey <input checked="" type="checkbox"/>	PT-ZD	1SNK900660R0000	50	1.04
3 Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MG-CPMFA 43196	1SNB043196R0012	350	2.56
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10

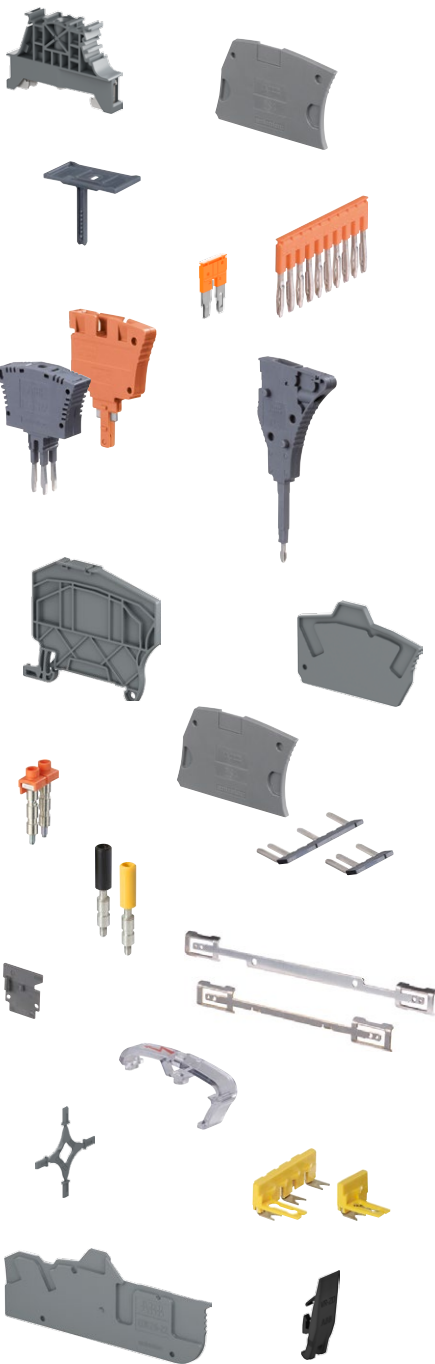
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.







## Common terminal block accessories

Mounting rail	PR	174
Screw end stops	BAM4, BAZH1	177
Screwless end stops	BAZ1	178
Label holders	LH, LH-R1	179
Screwless jumper bars	LH-J	180
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	JB6	182
	JB8	183
	JB10	184
Cross spacing jumpers	JB12	185
	JB85-3	186
Test adapters	TP2, TP4	187
Test connectors	TC5	188
Component plugs	PG5-R2	189
	PG5, PG5-R1	190
Screwdrivers	TO	191
Crimping tools	PS	191

## PI-Spring terminal block accessories

End sections	EK	192
Circuit separators	CS-R2, CS-R3	195
Shield connectors	SHBP, SHB	197

## Screw clamp terminal block accessories

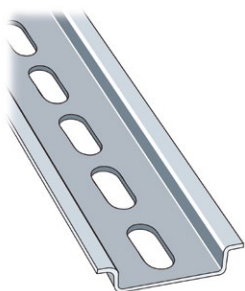
End sections	ES	198
Screw jumper bars	JB8	200
	JB16, JB22	201
	JB26	202
	BJMI31, BJMI36	203
Lateral jumper bars	PC8, PC81	204
Circuit separator	CS, CS-R1	205
Shield connectors	SHBS, SHB	206
Protecting covers	PL	207
	CO, KCO	208
Short circuit bridges	SC-JB8	209
Test sockets	AJS9	210

## Pluggable terminal block accessories

End sections	EDK, EDS	211
Coding pegs	COP	212
Locking devices	VR	212

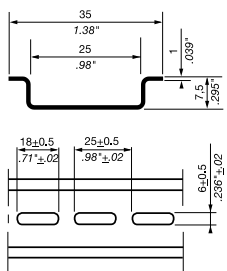
# PR mounting rail

## Common terminal block accessories



1SNK60072F0000

PR30



2000 mm 78.74 in spacing

### Description

- Pre-punched symmetrical mounting rail,
- The slotted holes ease the mounting and allow to use existing and/or numerous fixings,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

### Ordering details

Description	Color	Type	Part Numbers	Pkg meter	Weight (1 pce) <b>g</b>
Prepunched rail		PR30	1SNA173220R0500	2	328.00

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum. Check that your order quantity is a multiple of 2.

### Main technical data

Material	Zinc plating and passivation steel
Rail	TH 35-7.5

Equivalent E-Cu cross section	IEC	UL - CSA
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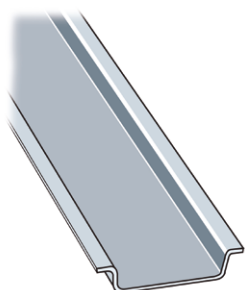
All the main technical data provided are "manufacturer" values.

RoHS					
RoHS					

### Mounting instructions

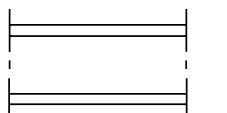
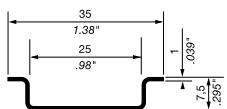
- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing (1 mm 0.039 in rail thickness only), fixing is recommended every 250 mm 9.84 in;
- To prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm 0.295 in rail height only).

5



1SNK60073F0000

PR3.Z2



2000 mm 78.74 in spacing

### Description

- Symmetrical mounting rail complying with IEC60715,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

### Ordering details

Description	Color	Type	Part Numbers	Pkg meter	Weight (1 pce) <b>g</b>
		PR3.Z2	1SNA174300R1700	2	718.00

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum. Check that your order quantity is a multiple of 2.

### Main technical data

Material	Zinc plating and passivation steel
Rail	TH 35-7.5

Equivalent E-Cu cross section	IEC	UL - CSA
	16 mm <sup>2</sup>	

All the main technical data provided are "manufacturer" values.

RoHS					
RoHS					

### Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing (1 mm 0.039 in rail thickness only), fixing is recommended every 250 mm 9.84 in;
- To prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm 0.295 in rail height only).

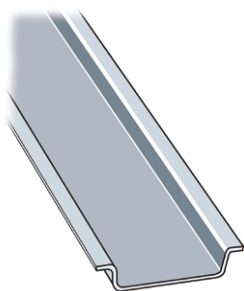
Technical data valid for copper conductors only.

1SNK160017S0201



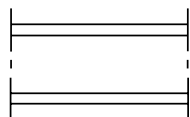
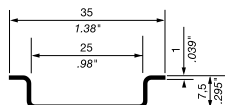
# PR mounting rail

## Common terminal block accessories



1SNA600073F0000

PR3.G2



2000 mm 78.74 in spacing

### Description

- Symmetrical mounting rail made of galvanised steel, complying with IEC60715,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

### Ordering details

Description	Color	Type	Part Numbers	Pkg meter	Weight (1 pce) g
		PR3.G2	1SNA164800R0300	2	718.00

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum. Check that your order quantity is a multiple of 2.

### Main technical data

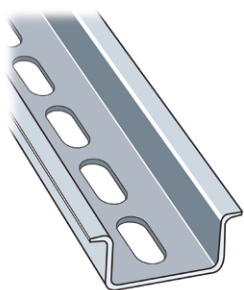
Material	Galvanised steel
Rail	TH 35-7.5
	IEC
	UL - CSA
Equivalent E-Cu cross section	16 mm <sup>2</sup>

All the main technical data provided are "manufacturer" values.

RoHS																			
RoHS																			

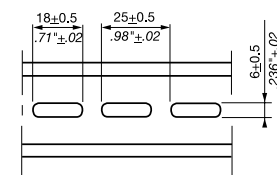
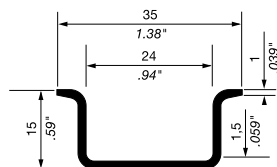
### Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing (1 mm 0.039 in rail thickness only), fixing is recommended every 250 mm 9.84 in;
- To prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm 0.295 in rail height only).



1SNA600074F0000

PR50



2000 mm 78.74 in spacing

### Description

- Pre-punched symmetrical mounting rail,
- The slotted holes ease the mounting and allow to use existing and/or numerous fixings.

### Ordering details

Description	Color	Type	Part Numbers	Pkg meter	Weight (1 pce) g
Prepunched rail		PR50	1SNA178529R0400	2	1288.00

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum. Check that your order quantity is a multiple of 2.

### Main technical data

Material	Zinc plating and passivation steel
Rail	TH 35-15
	IEC
	UL - CSA
Equivalent E-Cu cross section	

All the main technical data provided are "manufacturer" values.

RoHS																			
RoHS																			

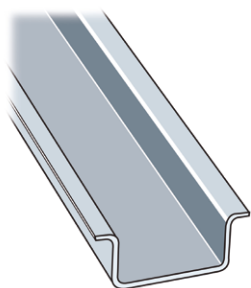
### Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
- In order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

Technical data valid for copper conductors only.

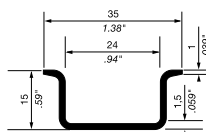
# PR mounting rail

## Common terminal block accessories

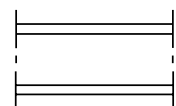


1SNA00075F0000

PR5



5



2000 mm 78.74 in spacing

### Description

- Symmetrical mounting rail.

### Ordering details

Description	Color	Type	Part Numbers	Pkg meter	Weight (1 pce) g
		PR5	1SNA168700R2200	2	1200.00

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum. Check that your order quantity is a multiple of 2.

### Main technical data

Material	Zinc plating and passivation steel
Rail	TH 35-15

	IEC	UL - CSA
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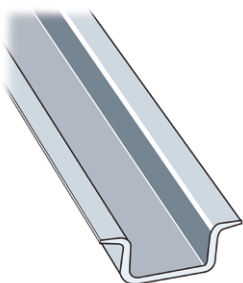
### Equivalent E-Cu cross section

All the main technical data provided are "manufacturer" values.

RoHS									
RoHS									

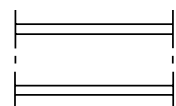
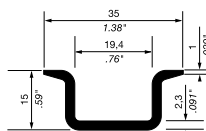
### Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
- In order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.



1SNA00076F0000

PR4



2000 mm 78.74 in spacing

### Description

- Symmetrical mounting rail complying with IEC60715,
- The rigidity of the rail is maximised by the 2.3 mm 0.090 in thickness of the rail, and by its solid, non slotted construction,
- PR4 TH 35-15 is the most rigid mounting rail solution and it can support

### Ordering details

Description	Color	Type	Part Numbers	Pkg meter	Weight (1 pce) g
Recommended for SNK ground terminal blocks up to 35 mm² 2 AWG		PR4	1SNA168500R1200	2	915.00

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum. Check that your order quantity is a multiple of 2.

### Main technical data

Material	Zinc plating and passivation steel
Rail	TH 35-15

	IEC	UL - CSA
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### Equivalent E-Cu cross section

All the main technical data provided are "manufacturer" values.

RoHS									
RoHS									

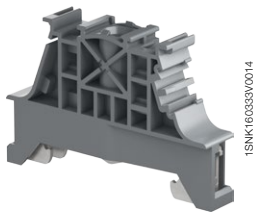
### Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
- In order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

Technical data valid for copper conductors only.

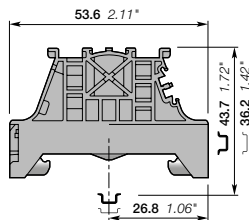
## Screw end stops

### Common terminal block accessories



1SNK16033V0014

BAM4



10 mm 0.394 in spacing

#### Mounting instructions



## BAM4 screw end stops

### Description

- Give efficient support to the SNK terminal blocks assemblies thanks to the BAM4 double gripping rail contact,
- Ease the assemblies identification with the BAM4 marking location compatible with all SNK markers and labels.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
10 mm 0.394 in spacing	Dark grey	BAM4	1SNK90001R0000	50	14.00

### Main technical data

Material specifications	Insulating material	Polyamide	
	Flammability	V0	
Ambient temperature min/max	NF F 16 101	I2F2	
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

### Mounting instructions

Rail		TH 35-7.5, TH 35-15
Tool		Flat screwdriver Ø 5.5 mm Ø 0.217 in
Torque		1.3 Nm ± 0.1 11.4 lb.in ± 0.88

All the main technical data provided are "manufacturer" values

RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
Terminal block markers compatible with MG3	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
Blank card	In polycarbonate	MC812	1SNK16000R0000	22	10.00	
		MC812PA	1SNK16999R0000	20	14.00	
Label holder	Dark grey <input checked="" type="checkbox"/>	10 mm 0.394 in width	LH	1SNK900605R0000	50	0.60
		19.5 mm 0.768 in width	LH-R1	1SNK900607R0000	50	1.10
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

## BAZH1 screw end stops

### Description

- Give efficient support to the SNK double deck or power terminal blocks assemblies thanks to the BAZH1 double gripping rail contact,
- Ease the assemblies identification with label holders.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
10 mm 0.394 in spacing	Dark grey	BAZH1	1SNK900102R0000	20	24.00

### Main technical data

Material specifications	Insulating material	Polyamide	
	Flammability	V0	
Ambient temperature min/max	NF F 16 101	I2F2	
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

### Mounting instructions

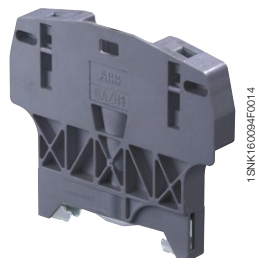
Rail		TH 35-7.5
Tool		Flat screwdriver Ø 5.5 mm Ø 0.217 in
Torque		1.3 Nm ± 0.1 11.4 lb.in ± 0.88

All the main technical data provided are "manufacturer" values

RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS	RoHS

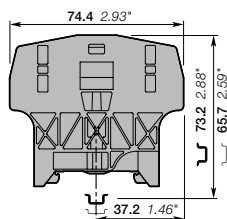
### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
Label holder	Dark grey <input checked="" type="checkbox"/>	10 mm 0.394 in width	LH	1SNK900605R0000	50	0.60
		19.5 mm 0.768 in width	LH-R1	1SNK900607R0000	50	1.10



1SNK160304F0014

BAZH1



10 mm 0.394 in spacing

Technical data valid for copper conductors only.

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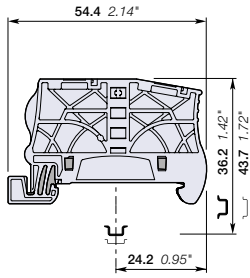
## Screwless end stops

### Common terminal block accessories



1SNK160160R0014

BAZ1



5.2 mm 0.205 in spacing

## BAZ1 screwless end stops

### Description

- Reduce the size of your terminal block assemblies with the screwless reduced spacing BAZ1 end stop,
- Ease the assemblies identification with various markers and label holders.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
5.2 mm 0.205 in spacing	Dark grey <input checked="" type="checkbox"/>	BAZ1	1SNK900002R0000	50	5.30

### Main technical data

Material specifications	Insulating material	Polyamide	
	Flammability	V0	
Ambient temperature min/max	NF F 16 101	I2F2	
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

### Mounting instructions

Rail		TH 35-7.5
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All the main technical data provided are "manufacturer" values

RoHS <input checked="" type="checkbox"/>	RoHS																		
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### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Terminal block markers compatible with MG3	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
Blank card compatible with HTP500		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Label holder compatible with AMS600	Dark grey <input checked="" type="checkbox"/>	LH	1SNK900605R0000	50	0.60
		LH-R1	1SNK900607R0000	50	1.10
Universal wire markers holder 5.2 mm 0.205 in spacing	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Technical data valid for copper conductors only.

## Label holder

### Common terminal block accessories



1SNK160334R0014

LH  
10 mm 0.394 in spacing

## LH label holder

### Description

- Easily identify your terminal blocks assembly with white or yellow labels,
- Adjustable in height for best visibility,
- Compatible with all SNK end stops.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
10 mm 0.394 in width	Dark grey <input checked="" type="checkbox"/>	LH	1SNK900605R0000	50	0.60

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values

RoHS  
RoHS

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Self-adhesive precut blank label compatible with HTP500	White <input type="checkbox"/>	MCLH	1SNK900630R0000	25	10.00
Self-adhesive precut blank label compatible with HTP500	White <input type="checkbox"/>	RCPEAD-TT	1SNA235158R0100	25	9.80
	Yellow <input type="checkbox"/>	RCPEAD-TT-YL	1SNA235159R0200	25	12.10
Pre-printed cover marker	Transparent <input checked="" type="checkbox"/>	EPR2	1SNA399726R0700	10	4.00
Precut blank label compatible with MG3	White <input type="checkbox"/>	MG-TAR 45490	1SNB045490R8530	1650	0.371
	White <input type="checkbox"/>	MG-TAR 45194	1SNB045194R1735	900	0.628
Self-adhesive precut blank label compatible with MG3	Yellow <input type="checkbox"/>	MG-TAA 49448	1SNB049448R8530	825	0.55
	White <input type="checkbox"/>	MG-TAA 49498	1SNB049498R8530	825	0.55
Self-adhesive precut blank label compatible with HTP500	Yellow <input type="checkbox"/>	MCLH-YL	1SNK900633R0000	25	10.00



1SNK160335R0014

LH  
19.5 mm 0.768 in spacing

## LH-R1 label holder

### Description

- Easily identify your terminal blocks assembly with white or yellow labels,
- Adjustable in height for best visibility,
- Compatible with all SNK end stops.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
19.5 mm 0.768 in width	Dark grey <input checked="" type="checkbox"/>	LH-R1	1SNK900607R0000	50	1.10

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

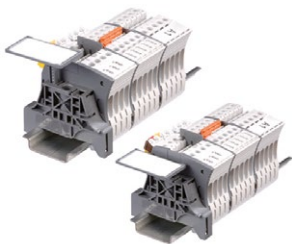
All the main technical data provided are "manufacturer" values

RoHS  
RoHS

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Self-adhesive precut blank label compatible with HTP500	White <input type="checkbox"/>	MCLH-R1	1SNK900631R0000	25	10.00
Precut blank label compatible with AMS600	White <input type="checkbox"/>	RCPEB	1SNA178430R0500	1	
	Transparent <input checked="" type="checkbox"/>	EPR1	1SNA178431R2200	1	0.05
Self-adhesive precut blank label compatible with HTP500	White <input type="checkbox"/>	PIB2-TT	1SNA235155R2600	25	9.70
	Yellow <input type="checkbox"/>	PIB2-TT-YL	1SNA235157R2000	25	9.40
Precut blank label compatible with MG3	White <input type="checkbox"/>	MG-TAR 45194	1SNB045194R1735	900	0.62
Self-adhesive precut blank label	Yellow <input type="checkbox"/>	MG-TAA 49148	1SNB049148R1735	450	0.91
	White <input type="checkbox"/>	MG-TAA 49198	1SNB049198R1735	450	0.91
Self-adhesive precut blank label compatible with HTP500	Yellow <input type="checkbox"/>	MCLH-R1-YL	1SNK900634R0000	25	10.00

### Mounting instructions

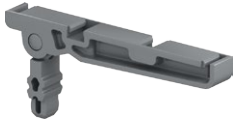


Technical data valid for copper conductors only.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use.

## Label holder

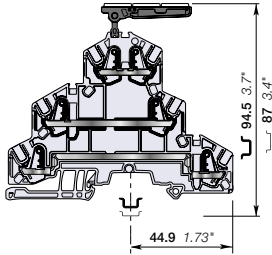
### Common terminal block accessories



1SNK1603470014

LH

4.8 mm 0.189 in spacing



## LH-J label holder

### Description

Easily identify your block with three standard 5.2 mm 0.205 in spacing SNK markers. It fits in the jumper channel of the SNK terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Rotating label holder with three SNK markers housings - 4.8 mm 0.189 in spacing	Dark grey <input checked="" type="checkbox"/>	LH-J	1SNK900606R0000	100	0.73

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
Ambient temperature min/max	NF F 16 101	I2F2			
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values

RoHS	<input checked="" type="checkbox"/>								
RoHS									

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Blank marker compatible with MG3	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
Blank card compatible with HTP500	White <input type="checkbox"/>	MC512	1SNK140000R0000	22	9.00
	White <input type="checkbox"/>	MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder 5.2 mm 0.205 in spacing	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Technical data valid for copper conductors only.

# JB5 screwless jumper bars

## Common terminal block accessories



1SNK160143F0014

**JB5**  
5.2 mm 0.205 in spacing

### Description

Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

### Ordering details

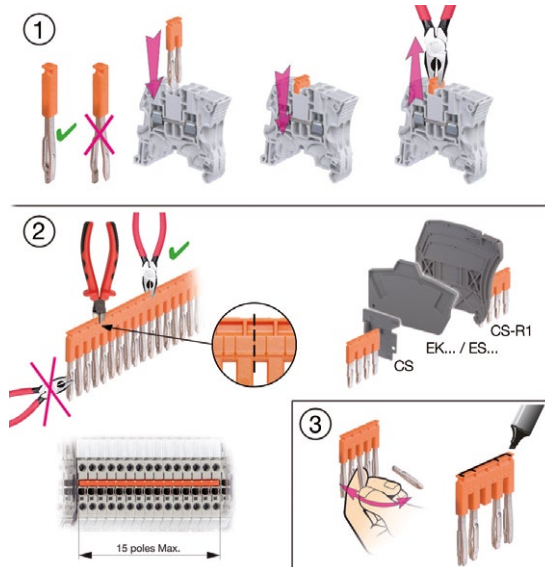
Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
5.2 mm 0.205 in spacing	2 poles	Orange	JB5-2	1SNK905302R0000	50	1.30
	3 poles		JB5-3	1SNK905303R0000	50	2.00
	4 poles		JB5-4	1SNK905304R0000	50	2.70
	5 poles		JB5-5	1SNK905305R0000	50	3.50
	10 poles		JB5-10	1SNK905310R0000	30	7.10
	50 poles		JB5-50	1SNK905350R0000	10	36.00

### Main technical data

<b>Material specifications</b>	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F3		
<b>Ambient temperature min/max</b>	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	+23 ... +104 °F	
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>
<b>Rated current</b>		32 A	30 A	
<b>Rated voltage</b>	1 - Standard use	1000 V	600 V	Please consult our dedicated certificates
	2 - Cut extremities	800 V	300 V	
	3 - Cut poles	400 V	300 V	
<b>Impulse withstand voltage</b>		8000 V		
<b>Protection</b>		IP20	NEMA 1	
All the main technical data provided are "manufacturer" values				
	<b>RoHS</b>			
	RoHS			

5

### Mounting instructions



#### 1 - Standard use

#### 2 - Cut extremities (for 50 poles jumpers)

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

<b>ZS...</b>	Feed-through	CS circuit separator
	Double deck / triple deck	ES... end section
<b>ZK...</b>	All functions	EK... end section

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper. 15 poles max. recommended for convenient mounting.

#### 3 - Cut poles

Technical data valid for copper conductors only.

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# JB6 screwless jumper bars

## Common terminal block accessories



1SNK90143P0014

**JB6**  
6 mm 0.236 in spacing

### Description

Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

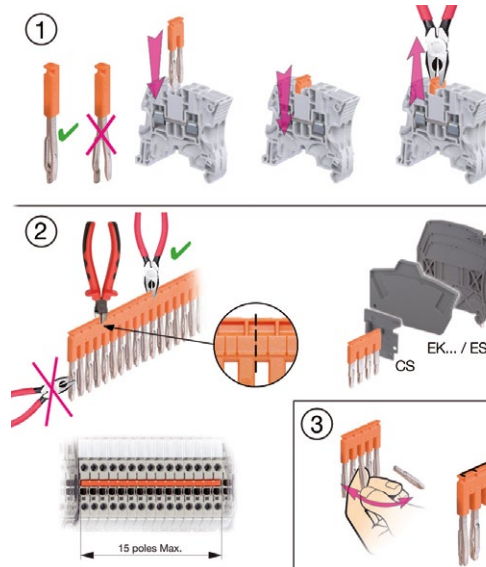
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
6 mm 0.236 in spacing	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10

### Main technical data

<b>Material specifications</b>	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F3		
<b>Ambient temperature min/max</b>	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	+23 ... +104 °F	
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>
<b>Rated current</b>		41 A	30 A	
<b>Rated voltage</b>	1 - Standard use	1000 V	600 V	Please consult our dedicated certificates
	2 - Cut extremities	800 V	300 V	
	3 - Cut poles	400 V	300 V	
<b>Impulse withstand voltage</b>		8000 V		
<b>Protection</b>		IP20	NEMA 1	
All the main technical data provided are "manufacturer" values				
	<b>RoHS</b>			
	RoHS			

### Mounting instructions



#### 1 - Standard use

#### 2 - Cut extremities (for 50 poles jumpers)

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

<b>ZS...</b>	Feed-through	CS circuit separator
	Double deck / triple deck	ES... end section
<b>ZK...</b>	All functions	EK... end section

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper. 15 poles max. recommended for convenient mounting.

#### 3 - Cut poles

Technical data valid for copper conductors only.



# JB8 screwless jumper bars

## Common terminal block accessories



1SNK908304R0000

**JB8**  
8 mm 0.315 in spacing

### Description

Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

### Ordering details

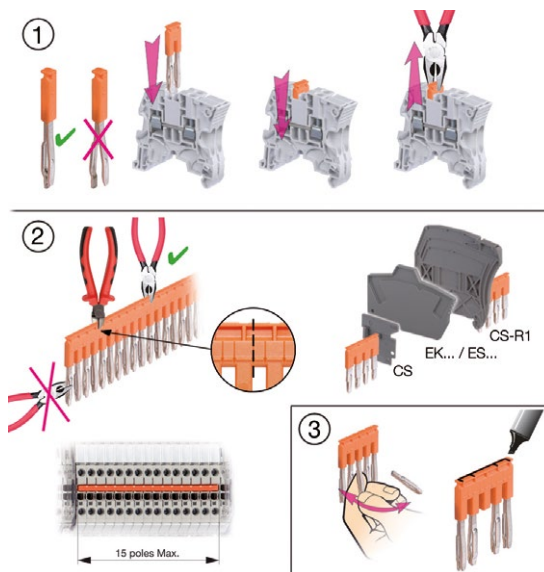
Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
8 mm 0.315 in spacing	2 poles	Orange	JB8-2	1SNK908302R0000	50	2.70
	3 poles		JB8-3	1SNK908303R0000	50	4.10
	4 poles		JB8-4	1SNK908304R0000	50	5.60
	5 poles		JB8-5	1SNK908305R0000	40	7.00
	10 poles		JB8-10	1SNK908310R0000	20	14.20

### Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F3		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	+23 ... +104 °F	
Rated current		IEC 57 A	UL - CSA 42 A	Ex e Please consult our dedicated certificates
Rated voltage	1 - Standard use	1000 V	600 V	
	2 - Cut extremities	800 V	300 V	
	3 - Cut poles	400 V	300 V	
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	
All the main technical data provided are "manufacturer" values				
	RoHS			
	RoHS			

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### Mounting instructions



#### 1 - Standard use

#### 2 - Cut extremities (for 50 poles jumpers)

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

ZS...	Feed-through	CS circuit separator
ZK...	Double deck / triple deck	ES... end section
	All functions	EK... end section

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper. 15 poles max. recommended for convenient mounting.

#### 3 - Cut poles

Technical data valid for copper conductors only.

1SNK16003050201

# JB10 screwless jumper bars

## Common terminal block accessories



1SNK160146F0014

**JB10**  
10 mm 0.394 in spacing

### Description

Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
10 mm 0.394 in spacing	2 poles	Orange	JB10-2	1SNK910302R0000	50	4.60
	3 poles		JB10-3	1SNK910303R0000	50	7.10
	4 poles		JB10-4	1SNK910304R0000	40	9.40
	5 poles		JB10-5	1SNK910305R0000	30	12.00
	10 poles		JB10-10	1SNK910310R0000	20	24.00

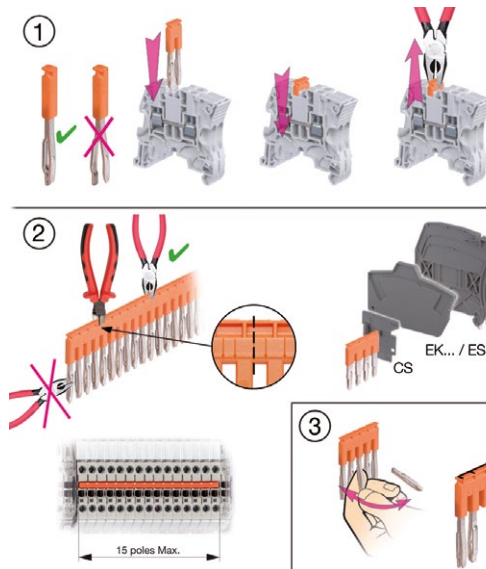
### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F3			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
Rated current		IEC 76 A	UL - CSA 67 A	Ex e	
Rated voltage	1 - Standard use	1000 V	600 V	Please consult our dedicated certificates	
	2 - Cut extremities	800 V	300 V		
	3 - Cut poles	400 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		
All the main technical data provided are *manufacturer* values					
RoHS					

### Accessories

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Circuit separators	0 mm 0 in spacing	Dark grey	CS	1SNK900101R0000	20	0.20

### Mounting instructions



#### 1 - Standard use

#### 2 - Cut extremities (for 50 poles jumpers)

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

ZS...	Feed-through	CS circuit separator
ZK...	Double deck / triple deck	ES... end section
	All functions	EK... end section

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper. 15 poles max. recommended for convenient mounting.

#### 3 - Cut poles

Technical data valid for copper conductors only.

# JB12 screwless jumper bars

## Common terminal block accessories



1SNK160239V0014

**JB12**  
12 mm 0.472 in spacing

### Description

Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
12 mm 0.472 in spacing	Orange	JB12-2	1SNK912302R0000	50	4.90
		JB12-3	1SNK912303R0000	50	7.60
		JB12-5	1SNK912305R0000	20	12.90

### Main technical data

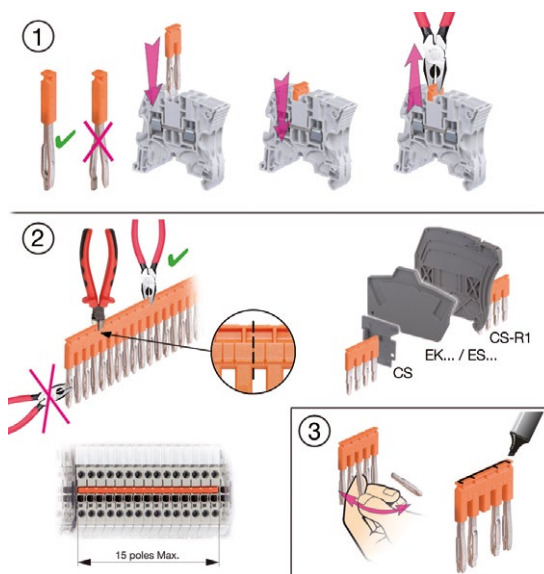
Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F2		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	+23 ... +104 °F	
		IEC	UL - CSA	Ex e
Rated current		76 A	67 A	
Rated voltage	1 - Standard use	1000 V	600 V	Please consult our dedicated certificates
	2 - Cut extremities	800 V	300 V	
	3 - Cut poles	400 V	300 V	
Impulse withstand voltage		6000 V		
Protection		IP20	NEMA 1	

All the main technical data provided are "manufacturer" values

RoHS	RoHS								
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### Mounting instructions



#### 1 - Standard use

#### 2 - Cut extremities (for 50 poles jumpers)

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

ZS...	Feed-through	CS circuit separator
	Double deck / triple deck	ES... end section
ZK...	All functions	EK... end section

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper. 15 poles max. recommended for convenient mounting.

#### 3 - Cut poles

Technical data valid for copper conductors only.

1SNK16007-1S0201

# JB85-3 cross spacing jumpers

## Common terminal block accessories



**JB85**  
8 mm 0.315 in spacing

1SNK160125F0014

### Description

- Allows power distribution between terminal blocks with different spacing,
- JB5-3, JB6-3 and JB8-3 can be used as cross spacing jumpers (see selection table on mounting instructions below).

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Cross spacing jumpers : 3 poles	Orange	JB85-3	1SNK900603R0000	10	2.80

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
Ambient temperature min/max	NF F 16 101	I2F3			
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

	IEC	UL - CSA	Ex e
Rated current	32 A	30 A	
Rated voltage	Standard use	1000 V	600 V
	Cut extremities	800 V	300 V
	Cut poles	630 V	300 V
Impulse withstand voltage	8000 V		
Protection	IP20	NEMA 1	

All the main technical data provided are "manufacturer" values

RoHS									
RoHS									

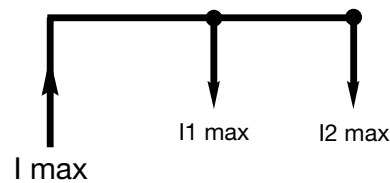
### Mounting instructions

Cross spacing jumper selection between A and B terminal blocks with different spacing.

	B 5.2 mm	6 mm	8 mm
A 6 mm	JB5.3	-	-
A 8 mm	JB85.3	JB85.3	-
A 10 mm	JB85.3	JB85.3	JB8.3
A 12 mm	JB85.3	JB6.3	-

Yellow cell: for ZS and ZK terminal blocks

Blue cell: for ZS terminal blocks only



$$I1 \text{ max} + I2 \text{ max} \leq I \text{ max}$$

$$I1 \text{ max} \leq I \text{ rated terminal block}$$

$$I2 \text{ max} \leq I \text{ rated terminal block}$$

Technical data valid for copper conductors only.

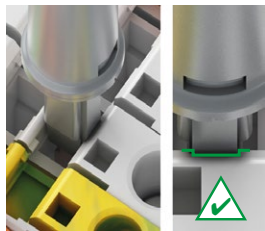
## Test adapters

### Common terminal block accessories



TP  
7.6 mm 0.299 in spacing

#### Mounting instructions



## TP2 test adapters

### Description

- Insulated test adapter that enables individual voltage control,
- Direct plug-in solution into the jumpers channels,
- Compatible with standard isolated or non isolated test plugs DIA 2 mm 0.079 in and 2.3 mm 0.090 in,
- Withstand more than 10000 operations according to ABB test standards.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
For test plugs DIA 2 mm 0.079 in	Dark grey ■	TP2	1SNK900203R0000	20	1.70

### Main technical data

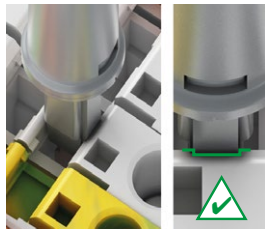
Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>	
Rated current		10 A			
Rated voltage	Standard use	1000 V	600 V	Not authorized	
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
All the main technical data provided are "manufacturer" values					
	RoHS				
	RoHS				

5



TP  
7.6 mm 0.299 in spacing

#### Mounting instructions



## TP4 test adapters

### Description

- Isolated test adapter that enables individual voltage control,
- Direct plug-in solution into the jumpers channels,
- Compatible with standard isolated or non isolated test plugs DIA 4 mm 0.157 in,
- Withstand more than 10000 operations according to ABB test standards.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
For test plugs DIA 4 mm 0.157 in	Dark grey ■	TP4	1SNK900205R0000	20	2.40

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>	
Rated current		16 A			
Rated voltage	Standard use	1000 V	600 V	Not authorized	
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
All the main technical data provided are "manufacturer" values					
	RoHS				
	RoHS				

Technical data valid for copper conductors only.

1SNK160093S0201

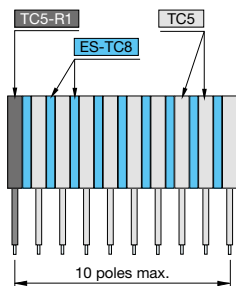
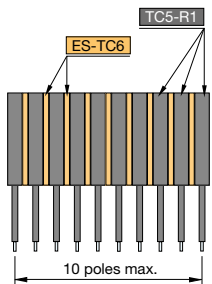
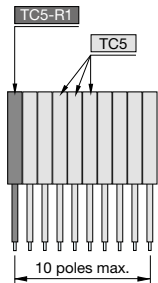
# TC5 test connectors

## Common terminal block accessories



5.2 mm 0.205 in spacing

5



PT-3

### Description

Ease the testing of terminal block assemblies:

- Make your own test connector assembly with our modular solution mixing various spacings,
- Direct plug-in solution into the jumpers channels,
- Withstand more than 10000 operations according to ABB test standards.

### Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm <sup>2</sup>		Wire stripping length	8 mm / 0.314 in
	Flexible with non insulated ferrule	0.22 ... 1.5 mm <sup>2</sup>			
	with insulated ferrule	0.22 ... 1.5 mm <sup>2</sup>			
	Gauge	A1-B1			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 0.75 mm <sup>2</sup>		Tool	Flat screwdriver Ø 2.5 mm / Ø 0.098 in
	Flexible with twin ferrule	0.22 ... 0.75 mm <sup>2</sup>			
		0.22 ... 0.75 mm <sup>2</sup>			
Rated current / Rated cross section		16 A / 1.5 mm <sup>2</sup>		Torque	0.5 Nm ± 0.1 / 3.43 lb.in ± 0.885
Rated short-time withstand current (1s)		180 A			
Rated voltage		1000 V			
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.ABB.com>

Material specifications		Insulating material		Polyamide	
Flammability		NF F 16 101		V0	
Ambient temperature min/max		Service IEC 60068-2-1		-55 ... +110 °C / -67 ... +230 °F	
		Storage		-55 ... +110 °C / -67 ... +230 °F	
		Installing		-5 ... +40 °C / +23 ... +104 °F	

All the main technical data provided are "manufacturer" values

RoHS	
RoHS	

### Ordering details

#### Test connectors for 5.2 mm 0.205 in spacing terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Test connectors 5.2 mm 0.205 in spacing	Dark grey	TC5	1SNK900200R0000	10	5.20
End module, 5.2 mm 0.205 in		TC5-R1	1SNK900201R0000	10	5.20

### Ordering details

#### Test connectors for 6 mm 0.236 in spacing terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Test connectors End module, 5.2 mm 0.205 in	Dark grey	TC5-R1	1SNK900201R0000	10	5.20
Spacers 0.8 mm 0.031 in spacing		ES-TC6	1SNK900105R0000	10	0.80

### Ordering details

#### Test connectors for 8 mm 0.315 in spacing terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Test connectors 5.2 mm 0.205 in spacing	Dark grey	TC5	1SNK900200R0000	10	5.20
End module, 5.2 mm 0.205 in		TC5-R1	1SNK900201R0000	10	5.20
Spacers 2.8 mm 0.110 in spacing		ES-TC8	1SNK900104R0000	10	1.40

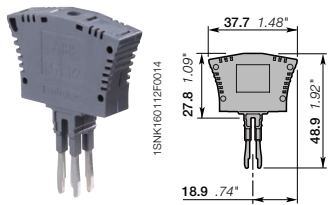
### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Cable clamps	Dark grey	PT-3	1SNK900625R0000	20	1.00
Terminal block markers	White	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

Technical data valid for copper conductors only.

## Component plugs

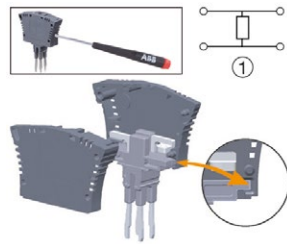
### Common terminal block accessories



#### PG5

9.95 mm 0.392 in spacing

#### Mounting instructions



- Open the PG5-R2 with a flat screw-driver DIA . 3.5 mm 0.138 in,
- Use a soldering iron to fix your component,
- Close the PG5-R2,
- Plug-in in the terminal blocks jumper channels.

## PG5-R2 component plugs

#### Description

- Component holder compatible with 5.2 mm 0.205 in spacing ZS4 feed-through terminal blocks,
- Fit components 16 x 16 x 8.5 mm 0.630 x 0.630 x 0.335 in (not supplied with plug) such as resistors, diodes, varistance,
- Direct plug-in into the terminal blocks jumper channels,
- Maximum dissipated power: 2 W.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Components insertion between 2 blocks	Dark grey <input checked="" type="checkbox"/>	PG5-R2	1SNK900403R0000	20	8.00

#### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		IEC	UL - CSA		
Rated current					
Rated voltage		250 V			
Impulse withstand voltage		4000 V			
Protection		IP20	NEMA 1		

All the main technical data provided are "manufacturer" values

	RoHS				
	RoHS				

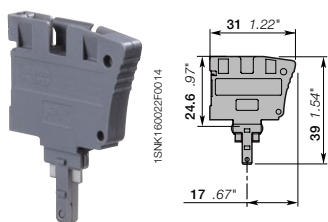
#### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
Blank card		In polycarbonate	MC512	1SNK140000R0000	22	9.00
		Blank card	MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Technical data valid for copper conductors only.

## Component plugs

### Common terminal block accessories



PG5  
5.2 mm 0.205 in spacing

#### Mounting instructions



– Direct plug-in in disconnect with plug terminal block

## PG5 component plugs

### Description

- Ease the components installation ( components not supplied with plug ) with our quick plug-in mounting system which avoids soldering process,
- Accept 8.8 x 3.2 mm 0.346 x 0.125 in components such as resistors, diodes or subminiature fuses (fully encapsulated),
- Maximum dissipated power: 1 W.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Components in series with circuit	Dark grey <input checked="" type="checkbox"/>	PG5	1SNK900401R0000	20	3.50

### Main technical data

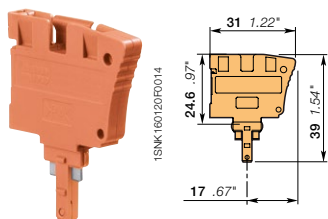
Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		IEC	UL - CSA		
Rated current					
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

All the main technical data provided are "manufacturer" values

RoHS

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
Blank card	In polycarbonate	MC512	1SNK140000R0000	22	9.00
		Blank card	MC512PA	1SNK149999R0000	20
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20



PG5  
5.2 mm 0.205 in spacing

#### Mounting instructions



- PG5-R1 totally inserted: closed circuit,
- PG5-R1 inserted in central position: open circuit, plug secured in isolated central position

## PG5-R1 disconnect plugs

### Description

Allow disconnect function when associated with the disconnect with plug terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Equipped with linking bar	Orange <input checked="" type="checkbox"/>	PG5-R1	1SNK900402R0000	20	3.50

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F3			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		IEC	UL - CSA		
Rated current		18 A	20 A		
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

All the main technical data provided are "manufacturer" values

RoHS

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)	
Blank card	In polycarbonate	White <input type="checkbox"/>	MC512	1SNK140000R0000	22	9.00
		Blank card	MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Technical data valid for copper conductors only.



## Tools

### Common terminal block accessories



TO

1SNK160242F0014

## TO screwdrivers

### Description

Flat head screwdriver

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Insulated screwdriver 1000V IEC dimensions 3.5 x 100 mm 0.138 x 3.94 in		TO3.5-100-INS	1SNK900644R0000	1	37.00
screwdriver 3.5 x 50 mm 0.138 x 1.97 in		TO3.5-50	1SNK900640R0000	12	22.00
screwdriver 3.5 x 50 mm 0.138 x 1.97 in Angled 60°		TO3.5-50-A	1SNK900659R0000	12	21.6
screwdriver 4 x 100 mm 0.157 x 3.94 in		TO4-100	1SNK900641R0000	1	42.00
screwdriver 5.5 x 125 mm 0.216 x 4.92 in		TO5.5-125	1SNK900642R0000	1	75.50
screwdriver 6.5 x 150 mm 0.256 x 5.90 in		TO6.5-150	1SNK900643R0000	1	121.00



PS

1SNK160127F0014

## PS crimping tools

### Description

- Crimp flexible conductors equipped with ferrules from 0.08 to 10 mm<sup>2</sup> 28 AWG to 7 AWG,
- Semi-automatic crimping tool.

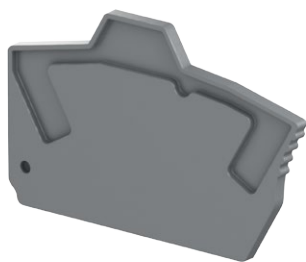
### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
180 mm 7.09 in length		PS-3	1SNK900650R0000	1	380.00

Technical data valid for copper conductors only.

## End sections

### PI-Spring terminal block accessories



1SNK160233V0014

EK2.5

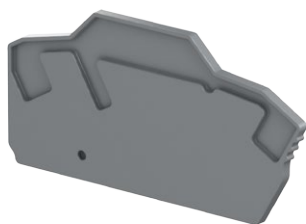
### EK2.5 end sections

#### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5, ZK2.5-PE, ZK4, ZK4-PE, ZK6 and ZK6-PE PI-Spring screwless terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5	1SNK705910R0000	20	1.80



1SNK160234V0014

EK2.5-3P

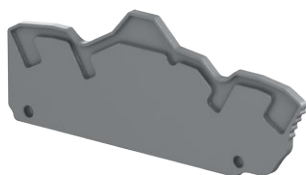
### EK2.5-3P end sections

#### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-3P, ZK2.5-PE-3P, ZK4-3P, ZK4-PE-3P, ZK2.5-S..., ZK2.5-SP and ZK2.5-SF... PI-Spring screwless terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40



1SNK160235V0014

EK2.5-4P

### EK2.5-4P end sections

#### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-4P, ZK2.5-PE-4P, ZK4-4P and ZK4-PE-4P PI-Spring screwless terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.70

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

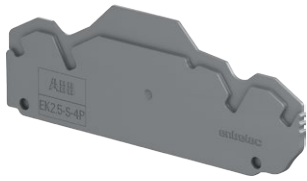
All the main technical data provided are "manufacturer" values.

	RoHS				
	RoHS				

Technical data valid for copper conductors only.

## End sections

### PI-Spring terminal block accessories



1SNK160339V0014

EK2.5-S-4P

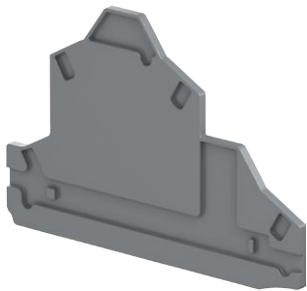
### EK2.5-S-4P end sections

#### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-S-4P, ZK2.5-SP-4P, ZK2.5-CH-4P... PI-Spring screwless terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5-S-4P	1SNK705913R0000	20	2.94



1SNK160237V0014

EK2.5-D2

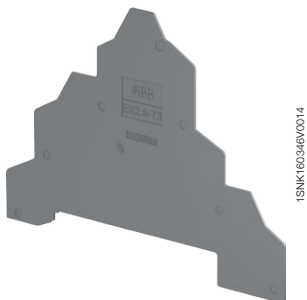
### EK2.5-D2 end sections

#### Description

- Compatible with ZK2.5-D2, ZK2.5-D2-PE, ZK2.5-D1 and ZK2.5-D1-PE PI-Spring screwless terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.40



1SNK160346V0014

EK2.5-T3

### EK2.5-T3 end sections

#### Description

- Compatible with ZK2.5-T3, ZK2.5-T1, ZK2.5-T1-PE, ZK2.5-L-L-PE and ZK2.5-L-N-PE PI-Spring screwless terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
0.8 mm 0.031 in spacing	Dark grey	EK2.5-T3	1SNK705961R0000	20	4.76

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

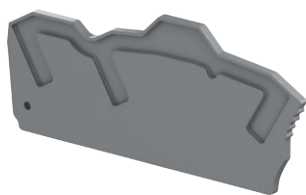
All the main technical data provided are "manufacturer" values.

	RoHS				
	RoHS				

Technical data valid for copper conductors only.

## End sections

### PI-Spring terminal block accessories



1SNK160238V0014

EK6-3P

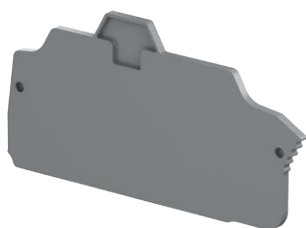
## EK6-3P end sections

### Description

– Compatible with ZK6-3P and ZK6-PE-3P PI-Spring screwless terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK6-3P	1SNK708911R0000	20	2.80



1SNK160238V0014

EK10

## EK10 end sections

### Description

– Compatible with ZK10, ZK10-PE, ZK16 and ZK16-PE PI-Spring screwless terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK10	1SNK710910R0000	20	3.30



1SNK160318V0014

EK10-3P

## EK10-3P end sections

### Description

– Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,  
– Compatible with ZK10-3P, ZK10-PE-3P, ZK16-3P, ZK16-PE-3P... PI-Spring screwless terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK10-3P	1SNK710911R0000	20	4.5

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

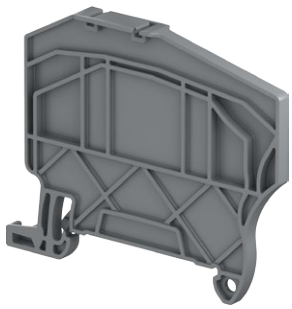
All the main technical data provided are "manufacturer" values.

RoHS					
RoHS					

Technical data valid for copper conductors only.

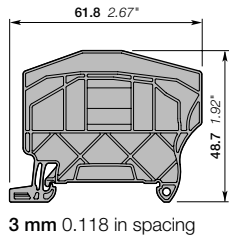
## Circuit separators

### PI-Spring terminal blocks accessories



1SNK1502400014

CS-R2



## CS-R2 circuit separators

### Description

- Compact circuits separator solution (only 3mm spacing) which provides a convenient visual identification of the several circuits within terminal assemblies,
- Unique top marking possibility that can replace the conventional solution of "end stop with label holder" for demanding applications with high space constraints, - Compatible with all PI-spring feed-through and ground terminal blocks up to 8 mm spacing,
- Mounting on DIN3-TH35 rail.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
3 mm 0.118 in spacing	Dark grey <input checked="" type="checkbox"/>	CS-R2	1SNK900106R0000	20	3.80

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values

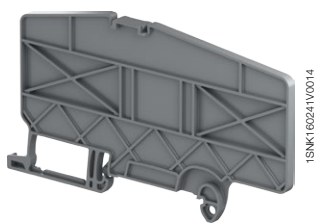
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### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
Labels	Yellow <input checked="" type="checkbox"/>	MG-VYT 46415	1SNB046415R0615	5250	0.04
	White <input type="checkbox"/>	MG-VYT 46915	1SNB046915R0615	5250	0.05
Blank card	In polycarbonate				
	Blank card	White <input type="checkbox"/>	MC612	1SNK150000R0000	22
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

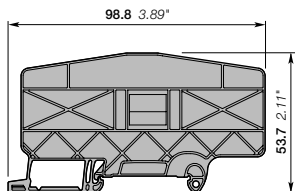
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Technical data valid for copper conductors only.



1SNK160241V0014

CS-R3



3 mm 0.118 in spacing

5

## CS-R3 circuit separators

### Description

- Compact circuits separator solution (only 3mm spacing) which provides a convenient visual identification of the several circuits within terminal assemblies,
- Unique top marking possibility that can replace the conventional solution of "end stop with label holder" for demanding applications with high space constraints,
- Compatible with all single deck PI-spring terminal blocks and ZS10-ST...terminal blocks ,
- Mounting on DIN3-TH35 rail.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
3 mm 0.118 in spacing	Dark grey <input checked="" type="checkbox"/>	CS-R3	1SNK900107R0000	20	6.40

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values

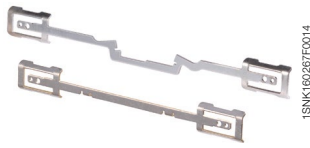
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### Accessories

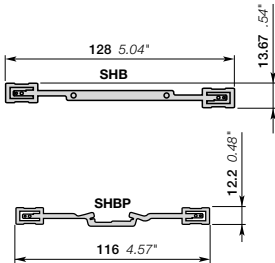
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g	
Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23	
		MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
Labels	Yellow <input checked="" type="checkbox"/>	MG-VYT 46415	1SNB046415R0615	5250	0.04	
	White <input type="checkbox"/>	MG-VYT 46915	1SNB046915R0615	5250	0.05	
Blank card	White <input type="checkbox"/>	In polycarbonate	MC512	1SNK140000R0000	22	9.00
		Blank card	MC512PA	1SNK149999R0000	20	10.00
		In polycarbonate	MC612	1SNK150000R0000	22	10.00
		Blank card	MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder 5.2 mm 0.205 in spacing	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20	

Technical data valid for copper conductors only.

## Shield connectors PI-Spring terminal block accessories



SHBP/SHB



## SHBP/SHB shield connectors for PI-Spring terminal blocks

### Description

- Ensure the continuity of your shield connection,
- Various connection solutions available: RILS cable ties, soldering, quick-connect.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Compatible with ZK2.5 and ZK2.5-S terminal blocks		SHBP	1SNK900601R0000	20	4.10
Compatible with ZS and ZK double deck terminal blocks		SHB	1SNK900602R0000	20	4.90

### Main technical data

Material specifications	Insulating material				
	Flammability				
Ambient temperature min/max	NF F 16 101				
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

<b>SHBP</b>	<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>
<b>Rated voltage</b>	100 V		50 V

All the main technical data provided are "manufacturer" values

	RoHS								
	RoHS								

5

### Accessories for screw clamp and PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Cable ties	For SNK shield connector	RILS	1SNK900627R0000	10	0.30

### Mounting instructions



- SHBS is directly fixed on the terminal block,
- SHB is fixed on the ES4-D2 end section,
- SHBP is directly fixed on the terminal block,
- Connect the cable shielding on the shielding connector with:
  - RILS cable ties,
  - quick-connect (the shield connector needs to be prepared),
  - soldering iron.

Technical data valid for copper conductors only.

1SNK160044S0201

## End sections

### Screw clamp terminal block accessories



1SNK161019R0014

ES4

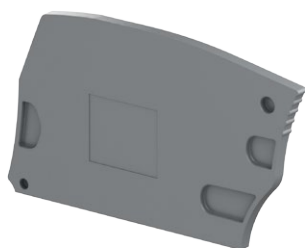
## ES4 end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with feed-through, ground and disconnect screw clamp terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	ES4	1SNK505910R0000	20	2.20



1SNK160229W0014

ES6-3S

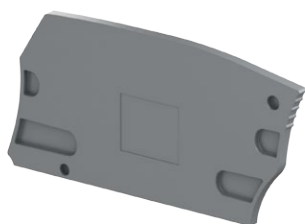
## ES6-3S end sections

### Description

- Compatible with ZS6-3S and ZS6-3S-PE terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	ES6-3S	1SNK505912R0000	20	2.50



1SNK160230V0014

ES6-4S

## ES6-4S end sections

### Description

- Compatible with ZS6-4S, ZS6-4S-PE, ZS6-S-4S-T2 and ZS4-PE-R2 terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	ES6-4S	1SNK505911R0000	20	3.10



1SNK161012F0014

ES4-D2

## ES4-D2 end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with double deck screw clamp terminal blocks

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2.55 mm 0.100 in spacing	Dark grey	ES4-D2	1SNK505960R0000	20	4.10

### Main technical data

<b>Material specifications</b>	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
<b>Ambient temperature min/max</b>	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values.

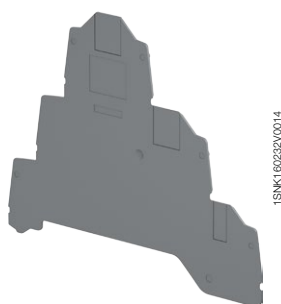
<b>RoHS</b>					
RoHS					

Technical data valid for copper conductors only.



## End sections

### Screw clamp terminal block accessories



1SNK16023V0014

ES4-T3

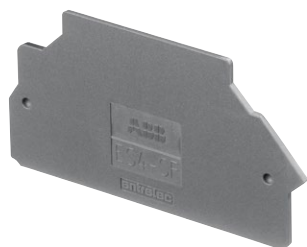
### ES4-T3 end sections

#### Description

- Compatible with ZS4-T3 terminal block.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
0.8 mm 0.031 in spacing	Dark grey	ES4-T3	1SNK505961R0000	20	4.20



1SNK161026F0014

ES4-SF

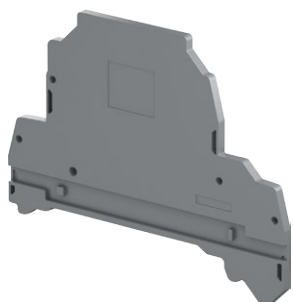
### ES4-SF end sections

#### Description

- Compatible with fuse ZS4-SF1... and disconnect screw clamp terminal blocks ZS4-S-R3.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1.5 mm 0.059 in spacing	Dark grey	ES4-SF	1SNK508960R0000	20	1.80



1SNK160231W0014

ES4-D2-SF1

### ES4-D2-SF1 end sections

#### Description

- Compatible with ZS4-D2-SF1 ... terminal blocks.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2.5 mm 0.098 in spacing	Dark grey	ES4-D2-SF1	1SNK508911R0000	20	5.00



1SNK16102ZF0014

ES10-ST

### ES10-ST end sections

#### Description

- Unique dark grey color that fits all test disconnect terminal blocks ZS10-ST... and ease the identification of circuits within your terminal block assemblies,
- Also compatible with ZS10-R1 and ZS10-PE-R1.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	ES10-ST	1SNK508910R0000	20	3.5

#### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20

#### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values.

	RoHS				
	RoHS				

Technical data valid for copper conductors only.

## Screw jumper bars

### Screw clamp terminal block accessories

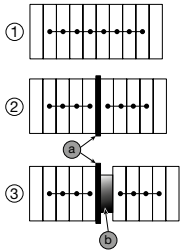


1SNK1602 12F0014

JB8

8 mm 0.315 in spacing

#### Mounting instructions



1 - Rated voltage: 160 V (IEC) / Not authorized (UL)

2 - Rated voltage: 320 V (IEC) / Not authorized (UL)

3 - Rated voltage: 1000 V (IEC) / 300 V (UL)

a - End section ES10-ST

b - End stop BAZ1

## JB8 jumper bars

### Description

Insulated jumper bar with screw mounting.

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
8 mm 0.315 in spacing	2 poles	Orange	JB8-2-R1	1SNK908902R0000	10	7.6
	3 poles		JB8-3-R1	1SNK908903R0000	10	11.6
	4 poles		JB8-4-R1	1SNK908904R0000	10	15.5
	5 poles		JB8-5-R1	1SNK908905R0000	10	19.4
	10 poles		JB8-10-R1	1SNK908910R0000	10	39.00

### Main technical data

<b>Material specifications</b>	Insulating material	Polyamide		Rail	
	Flammability	V0		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in 0.7 Nm ± 0.1 6.2 lb.in ± 0.88
	NF F 16 101	I2F3		Torque	
<b>Ambient temperature min/max</b>	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
<b>Rated current</b>		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>	
<b>Rated voltage</b>	Standard use	50 A	51 A		
		160 V			
	Alternated poles			Not authorized	
<b>Impulse withstand voltage</b>					
<b>Protection</b>		IP20	NEMA 1		
All the main technical data provided are "manufacturer" values					
	<b>RoHS</b>				
	RoHS				

Technical data valid for copper conductors only.

# Screw jumper bars

## Screw clamp terminal block accessories



1SNK16012AF0014

**JB16**  
16 mm 0.630 in spacing

### Mounting instructions



- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation.
- Install the jumper bar with the recommended tool and torque.

## JB16 jumper bars

### Description

Insulated jumper bar with screw mounting.

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
16 mm 0.630 in spacing	2 poles	Orange	JB16-2	1SNK916302R0000	10	10.00
	3 poles		JB16-3	1SNK916303R0000	10	16.00
	4 poles		JB16-4	1SNK916304R0000	10	22.00
	5 poles		JB16-5	1SNK916305R0000	10	28.00
	10 poles		JB16-10	1SNK916310R0000	10	56.60

### Main technical data

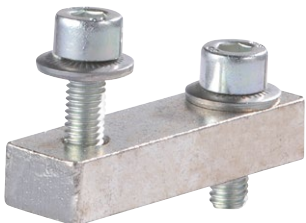
Material specifications	Insulating material	Polyamide		Rail	
	Flammability	V0		Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
	NF F 16 101	I2F3			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	Torque	1.2 Nm ± 0.1 10.6 lb.in ± 0.885
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
Rated current	Standard use	IEC	UL - CSA	Ex e	
		125 A	150 A		
Rated voltage	Standard use	1000 V	600 V		
		Alternated poles		Not authorized	
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
All the main technical data provided are "manufacturer" values					
RoHS					

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## JB22 jumper bars

### Description

Screw jumper bars



1SNK160100F0014

**JB22**  
22 mm 0.866 in spacing

### Mounting instructions



- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation.
- Install the jumper bar with the recommended tool and torque.

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
22 mm 0.866 in spacing	2 poles		JB22-2	1SNK922302R0000	5	27.00
	3 poles		JB22-3	1SNK922303R0000	5	43.30
	5 poles		JB22-5	1SNK922305R0000	5	76.10
	10 poles		JB22-10	1SNK922310R0000	5	157.40

### Main technical data

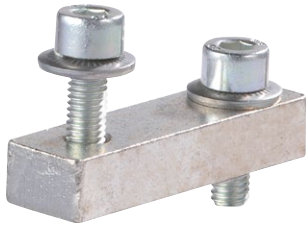
Material specifications	Insulating material	Polyamide		Rail	
	Flammability	V0		Tool	Allen key Ø 4 mm Ø 0.157 in
	NF F 16 101	I2F3			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	Torque	2 Nm ± 0.4 17.7 lb.in ± 3.54
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
Rated current	Standard use	IEC	UL - CSA	Ex e	
		192 A	175 A		
Rated voltage	Standard use	1000 V	600 V	630 V	
		Alternated poles		Not authorized	
Impulse withstand voltage		8000 V			
Protection		IP20			
All the main technical data provided are "manufacturer" values					
RoHS					

Technical data valid for copper conductors only.

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# Screw jumper bars

## Screw clamp terminal block accessories



1SNK160100P0014

**JB26**  
26 mm 1.024 in spacing

## JB26 jumper bars

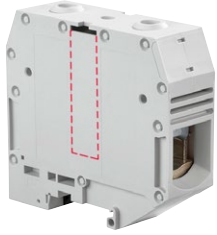
### Description

Screw jumper bars

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
26 mm 1.02 in spacing	2 poles		JB26-2	1SNK926302R0000	5	41.20
	3 poles		JB26-3	1SNK926303R0000	5	65.70
	5 poles		JB26-5	1SNK926305R0000	5	115.70
	10 poles		JB26-10	1SNK926310R0000	5	241.50

### Mounting instructions



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- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
- Install the jumper bar with the recommended tool and torque.

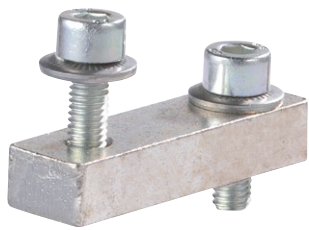
### Main technical data

Material specifications	Insulating material			Rail		
	Flammability NF F 16 101			Tool		Allen key Ø 4 mm
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	Torque		Ø 0.157 in
	Storage	-55 ... +110 °C	-67 ... +230 °F			2 Nm ± 0.4
	Installing	-5 ... +40 °C	+23 ... +104 °F			17.7 lb.in ± 3.54
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>		
Rated current		232 A	230 A			
Rated voltage	Standard use	1000 V	600 V	630 V		
	Alternated poles			Not authorized		
Impulse withstand voltage		8000 V				
Protection		IP20				
All the main technical data provided are "manufacturer" values						
RoHS						
RoHS						

Technical data valid for copper conductors only.

## Screw jumper bars

### Screw clamp terminal block accessories

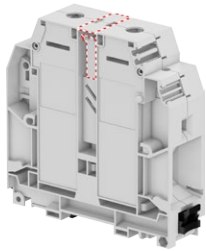


1SNK160100F0014

**BJMI31**

31 mm 1.22 in spacing

#### Mounting instructions



- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful not to cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation.
- Install the jumper bar with the recommended tool and torque.

## BJMI31 jumper bars

### Description

Screw jumper bars

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
31mm 1.220 in spacing	2 poles		BJMI31.2	1SNA206053R0700	1	120.00
	3 poles		BJMI31.3	1SNA206054R0000	1	190.00

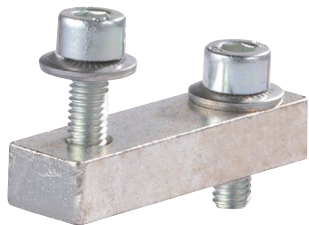
### Main technical data

Material specifications	Insulating material		Rail		
	Flammability		Tool		Allen key Ø 5 mm Ø 0.196 in
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	Torque	 3 Nm ± 0.4 26.55 lb.in ± 3.54
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>	
Rated current		309 A	445 A		
Rated voltage	Standard use	1000 V	600 V		
		Alternated poles		Not authorized	
Impulse withstand voltage		8000 V			
Protection		IP20			

All the main technical data provided are "manufacturer" values

RoHS		RoHS		RoHS	

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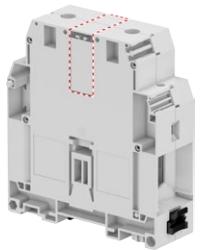


1SNK160100F0014

**BJMI36**

36 mm 1.42 in spacing

#### Mounting instructions



- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful not to cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation.
- Install the jumper bar with the recommended tool and torque.

## BJMI36 jumper bars

### Description

Screw jumper bars

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
36mm 1.417 in spacing	2 poles		BJMI36.2	1SNA206126R2500	1	170.00
	3 poles		BJMI36.3	1SNA206223R0600	1	260.00

### Main technical data

Material specifications	Insulating material		Rail		
	Flammability		Tool		Allen key Ø 5 mm Ø 0.196 in
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	Torque	 3 Nm ± 0.4 26.55 lb.in ± 3.54
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		
		<b>IEC</b>	<b>UL - CSA</b>	<b>Ex e</b>	
Rated current		415 A	620 A		
Rated voltage	Standard use	1000 V	600 V		
		Alternated poles		Not authorized	
Impulse withstand voltage		8000 V			
Protection		IP20			

All the main technical data provided are "manufacturer" values

RoHS		RoHS		RoHS	

Technical data valid for copper conductors only.

1SNK160097S0201

## Lateral jumper bars

### Screw clamp terminal block accessories

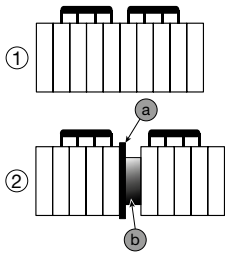


1SNK160112PC014

PC8

8 mm 0.315 in spacing

#### Mounting instructions for ZS10-ST...



1 - Rated voltage: 630 V (IEC) / 150 V (UL)

2 - Rated voltage: 630 V (IEC) / 300 V (UL)

a - End section ES10-ST

b - End stop BAZ1

## PC8 lateral jumper bars

### Description

IP20 Comb jumper bars,

- direct insertion in the screw clamp before tightening the screws, above the eventual conductor (if conductor used with ferrule, we recommend the use of long ferrule for optimized mounting ergonomony with test disconnect terminal blocks),
- Multiple versions available in pre-cut poles for test disconnect terminal blocks applications.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Lateral jumper bars</b>					
8 mm 0.315 in spacing	Black ■	PC8-2	1SNA116538R1700	10	3.00
2 poles		PC8-3	1SNA116539R1000	10	4.00
3 poles		PC8-4	1SNA116540R2500	10	6.00
4 poles		PC8-10	1SNA163313R2400	10	14.00
10 poles					

### Lateral jumper bars pre-cut poles

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Lateral jumper bars pre-cut poles</b>					
8 mm 0.315 in spacing	Black ■	PC8-R1	1SNA400711R0600	10	6.60
4/6 poles		PC8-R2	1SNA400712R0700	10	7.80
4/8 poles		PC8-R3	1SNA400713R0000	10	9.00
4/10 poles		PC8-R4	1SNA400724R0300	10	4.50
3/4 poles		PC8-R5	1SNA400842R0000	10	6.60
4/7 poles		PC8-R6	1SNA400843R0000	10	6.60
2/3 poles		PC8-R7	1SNA400849R0000	10	6.60
4/6 poles		PC8-R8	1SNA400850R0000	10	7.80
4/8 poles					

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F3			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are \*manufacturer\* values

RoHS  
RoHS



1SNK160537PC014

PC81

8 mm 0.315 in spacing

## PC81 lateral jumper bars

### Description

Comb-type jumper bar, allows the connection of consecutive blocks or not by one compression clamp connection.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
8 mm 0.315 in spacing	Grey □	PC81-10	1SNA173523R1100	10	5.00
10 poles					

### Main technical data

Material specifications	Insulating material	Brass/polyamide			
	Flammability	V0			
	NF F 16 101	I2F3			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	-23 ... +104 °F		

All the main technical data provided are \*manufacturer\* values

RoHS  
RoHS

Technical data valid for copper conductors only.

## Circuit separators

### Screw clamp terminal block accessories



1SNK160002R0014

CS  
0 mm 0 in spacing

#### Mounting instructions



## CS circuit separators

### Description

- The CS circuit separator avoids the derating of terminal blocks when cut jumper bars JB are used,
- Compatible with feed-through terminal blocks up to 16 mm<sup>2</sup> 4 AWG,
- Without spacing loss.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
0 mm 0 in spacing	Dark grey	CS	1SNK900101R0000	20	0.20

### Main technical data

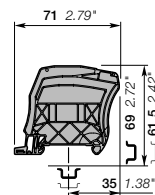
Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F2		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	+23 ... +104 °F	
All the main technical data provided are "manufacturer" values				
	RoHS	RoHS		

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1SNK160003R0014

CS-R1



3 mm 0.118 in spacing

## CS-R1 circuit separators

### Description

- Ease the visual identification of the several circuits within your terminal block assemblies,
- Compatible with feed-through terminal blocks up to 35 mm<sup>2</sup> 0 AWG,
- Intermediate cover holder for CO protective cover,
- Mounting on DIN3-TH35 rail.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
3 mm 0.118 in spacing	Dark grey	CS-R1	1SNK900103R0000	20	5.20

### Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F2		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	+23 ... +104 °F	
All the main technical data provided are "manufacturer" values				
	RoHS	RoHS		

#### Mounting instructions



### Accessories

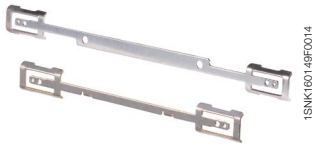
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Terminal block markers	White <input type="checkbox"/>	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
Blank card		MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

Technical data valid for copper conductors only.

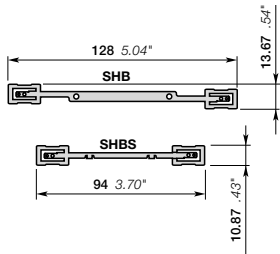
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## Shield connectors

### Screw clamp terminal block accessories



SHBS/SHB



## SHBS/SHB shield connectors

### Description

- Ensure the continuity of your shield connection,
- Various connection solutions available: RILS cable ties, soldering, quick-connect.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Compatible with ZS feed-through terminal blocks		SHBS	1SNK900600R0000	20	3.50
Compatible with ZS and ZK double deck terminal blocks		SHB	1SNK900602R0000	20	4.90

### Main technical data

Material specifications	Insulating material	Flammability	NF F 16 101
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

SHBS	IEC	UL - CSA	Ex e
Rated voltage	320 V		125 V

All the main technical data provided are "manufacturer" values

RoHS  
RoHS

### Accessories for screw clamp and PI-Spring terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Cable ties	For SNK shield connector	RILS	1SNK900627R0000	10	0.30

### Mounting instructions



- SHBS is directly fixed on the terminal block,
- SHB is fixed on the ES4-D2 end section,
- SHBP is directly fixed on the terminal block,
- Connect the cable shielding on the shielding connector with:
- RILS cable ties,
- quick-connect (the shield connector needs to be prepared),
- soldering iron.

Technical data valid for copper conductors only.





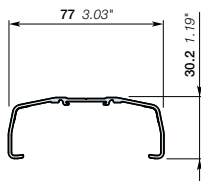
## Protecting covers

### Screw clamp terminal block accessories



1SNK160110FC0014

CO



## CO protecting covers

### Description

- Restrict access to your assembly with the protecting cover CO installed with KCO mounting kit (2 end stops, 2 sealing accessories),
- Compatible with SNK feed-through terminal blocks up to 35 mm<sup>2</sup> 0 AWG.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 m 39.4 in length	Transparent <input checked="" type="checkbox"/>	CO	1SNK900604R0000	1	300.00

### Main technical data

Material specifications	Insulating material	PVC			
	Flammability	V0			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +80 °C	-67 ... +176 °F		
	Storage	-55 ... +80 °C	-67 ... +176 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values

RoHS

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Protecting cover kits	Dark grey <input checked="" type="checkbox"/>	KCO	1SNK900624R0000	1	47.80
Label	White <input type="checkbox"/>	PAM43020	1SNA235106R2600	20	27.00

### Mounting instructions

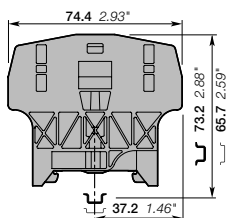


- Restrict access to the circuit by sealing the cover:
- Drill on the CO center line at 5 mm 0.197 in from the extremity with 5 mm 0.197 in diameter drill,
  - Pass the sealing collar through the CO and KCO holes.



1SNK160144F0014

KCO



## KCO protecting cover kits

### Description

- Mount your protecting cover with the KCO versatile mounting kit (2 end stops, 2 sealing accessories):
- Maintain the cover,
  - Reliably seal the access to the terminal assembly if needed,
  - Use it as well as an end stop.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Mounting kit for cover CO	Dark grey <input checked="" type="checkbox"/>	KCO	1SNK900624R0000	1	47.80

### Main technical data

Material specifications	Insulating material	Polyamide		Rail	G32, TH 35-7.5,
	Flammability	V0		Tool	TH 35-15, TH 15-5.5
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		Flat screwdriver
	Storage	-55 ... +110 °C	-67 ... +230 °F		Ø 4 mm
	Installing	-5 ... +40 °C	+23 ... +104 °F		Ø 0.157 in

All the main technical data provided are "manufacturer" values

RoHS

Technical data valid for copper conductors only.

## Short circuit bridges

### Screw clamp terminal block accessories



SC-JB8

8 mm 0.315 in spacing



1SNK160231F0014

## SC-JB8 short circuit bridges

### Description

- Allow safe short-circuiting of current Transformers circuits,
- Insulated,
- Fully operated by screwdriver,
- Short circuited fixed position secured thanks to AJS9 tightening,
- Adapted hook shape maintains the bridge on the terminal block in the non short-circuited position,
- The orange version can be used as fixed jumpers.

### Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
8 mm 0.315 in spacing	2 poles	Yellow 	SC-JB8-2	1SNK900652R0000	25	2.00
	3 poles		SC-JB8-3	1SNK900653R0000	25	3.4
	4 poles		SC-JB8-4	1SNK900654R0000	25	4.7
	3/5 poles		SC-JB8-5	1SNK900655R0000	25	4.7
	3 poles		Orange 	SC-JB8-3-OR	1SNK900657R0000	25
	4 poles	SC-JB8-4-OR		1SNK900658R0000	25	

### Main technical data

<b>Material specifications</b>	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F3	
<b>Ambient temperature min/max</b>	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

All the main technical data provided are "manufacturer" values

	RoHS								
	RoHS								

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Technical data valid for copper conductors only.



## End sections

### Pluggable terminal block accessories



1SNK160301V0014

EDK2.5-22

## EDK2.5-22 end sections

### Description

– Compatible with ZDK2.5-22 and ZDK4-22 pluggable terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	EDK2.5-22	1SNK805910R0000	20	3.15



1SNK160302V0014

EDS4-22

## EDS4-22 end sections

### Description

– Compatible with ZDS4-22 pluggable terminal block.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
0.8 mm 0.031 in spacing	Dark grey	EDS4-22	1SNK805911R0000	20	1.85

5

### Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	+23 ... +104 °F		

All the main technical data provided are "manufacturer" values.

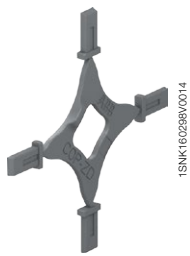
	RoHS								
	RoHS								

Technical data valid for copper conductors only.

1SNK164010S0201

# Coding pegs - Locking devices

## Pluggable terminal block accessories



1SNK16028B0014

COP

### COP coding pegs

#### Description

– The coding pegs prevent plugs to be inserted into the wrong circuit.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
	Dark grey	COP-ZD	1SNK900636R0000	10	3.57

#### Main technical data

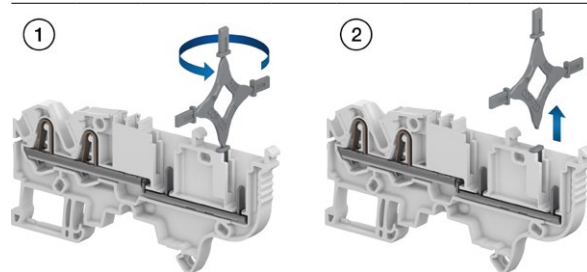
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

All the main technical data provided are "manufacturer" values.

RoHS

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#### Mounting instructions



1SNK160315V0014

VR

9.4 mm 0.370 in spacing

### VR locking devices

#### Description

- Automatic locking providing excellent plug withstand in case of accidental pulling,
- Lock safely one or two CDK or CDS plugs on ZDK and ZDS pluggable terminal blocks,
- Install one VR... up to 8 poles plugs assembly and two VR... up to 15 poles assembly.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
9.4 mm 0.370 in spacing	Black	VR-ZD	1SNK900637R0000	50	6.5

#### Main technical data

Material specifications	Insulating material	Polyacetal	
	Flammability	HB	
	NF F 16 101		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	+23 ... +104 °F

All the main technical data provided are "manufacturer" values.

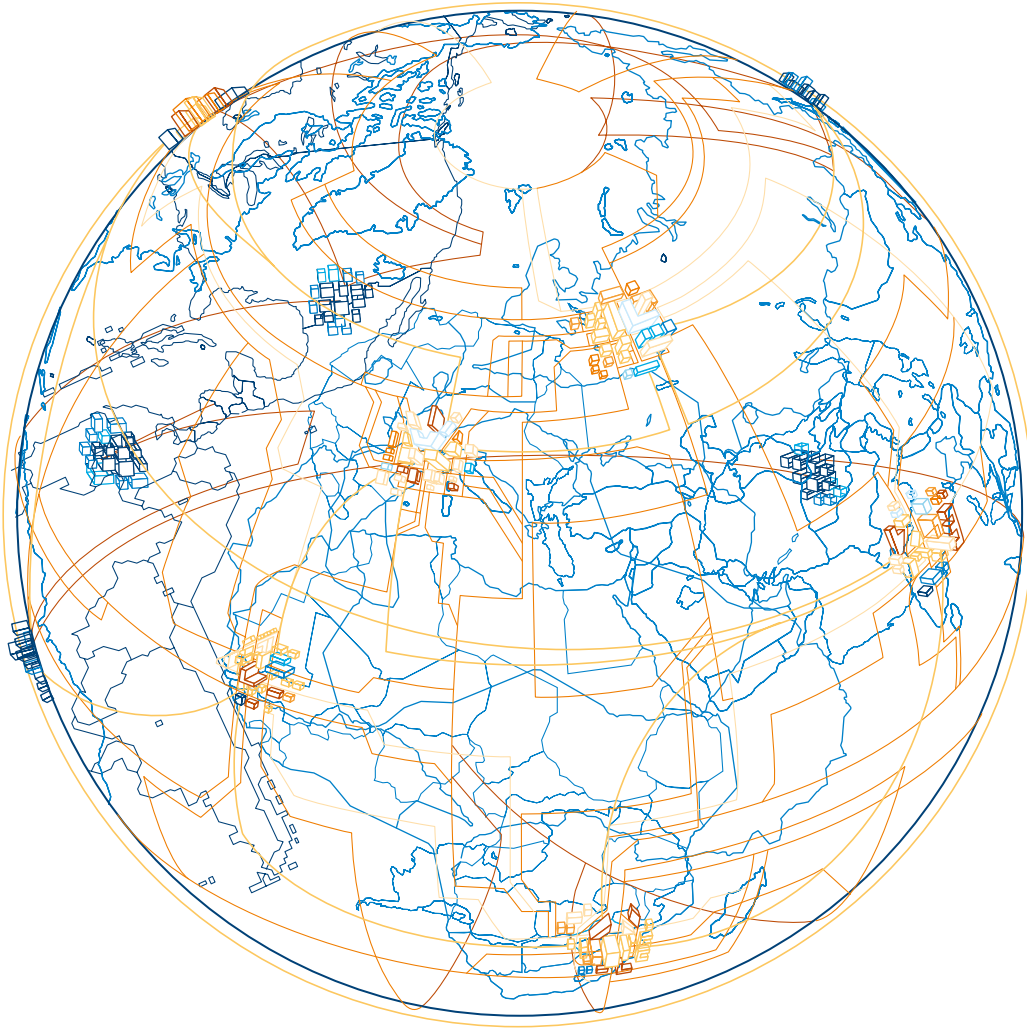
RoHS

#### Mounting instructions



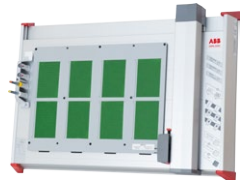
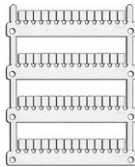
Technical data valid for copper conductors only.

1SNK164009S0201









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### Terminal block markers

5.2 mm 0.205 in spacing

<b>MC512, MG-CPM-13</b>	Blank card in polycarbonate	224
<b>MC512PA</b>	Blank card in polyamide	225
	Pre-printed marker card for horizontal terminal block assembly	226
	Pre-printed marker card for vertical terminal block assembly	228

6 mm 0.236 in spacing

<b>MC612, MG-CPM-13</b>	Blank card in polycarbonate	230
<b>MC612PA</b>	Blank card in polyamide	231
	Pre-printed marker card for horizontal terminal block assembly	232
	Pre-printed marker card for vertical terminal block assembly	234

8 mm 0.315 in spacing

<b>MC812, MC812PA</b>	Blank card	236
<b>MC812PA</b>	Pre-printed marker card for horizontal terminal block assembly	237
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### Markers

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## Marking systems

### Selection guide

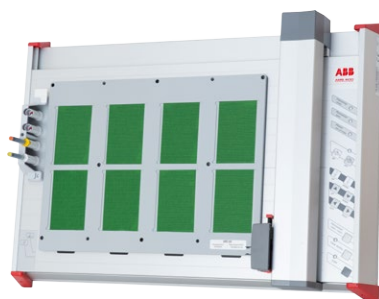
For high volume  
terminal blocks applications



<b>Marking systems</b>	<b>HTP500-V2</b>
<b>Technology</b>	Thermal transfer
<b>Printing mode</b>	Manual / Auto (up to 64 cards)
<b>Printing speed</b>	High
<b>Printing quality</b>	300 x 600 dpi
<b>1 ribbon or ink cartridge printing capacity</b>	~ 60 000, RC510 markers (5 x 10 mm markers)
<b>Printing color available (monochrome)</b>	Black / Red
<b>Terminal block markers material</b>	Polycarbonate
<b>Terminal block markers</b>	
SNK series terminal blocks blank markers polyamide	–
SNK series terminal blocks blank markers polycarbonate	MC
SNK series terminal blocks blank markers PVC	–
<b>End stop markers</b>	2 marker types
<b>Other terminal blocks manufacturers blank markers</b>	3 manufacturers
<b>Wires and cables markers</b>	2 marker types
<b>Components and equipment markers</b>	4 marker types

## For versatile applications

## For basic marking applications



MG3	AMS 600	AMS 250
Thermal transfer	Plotter	
Manual	Manual	
Medium	Low	
300 x 600 dpi	300 x 300 dpi	
~ 160 000, MG-CPM (5 x 10 mm markers)	~ 230 000 markers (with 3 characters per markers)	
Black / Red / Blue / Green / White	Black	
Polycarbonate	Polyamide	
–	MC...PA	
MG-CPM	–	
MG-CPMF	–	
2 marker types	4 marker types	
15 manufacturers	5 manufacturers	
4 marker types	1 marker type	
9 marker types	9 marker types	

## HTP500 thermal transfer printer

The best solution to print high volume of terminal block markers



6

## The fast and high resolution printing marking system

### Time saving

The 64-card feeder enables a serial print run to be started without human intervention. The printing process is very fast, able to print up to 8500 markers per hour.

### Immediate use

Thanks to the thermal transfer technology, there is no drying time. Once printed, you can directly install your markers on your electrical installation.

### Clean printing every time

Before each print, the special cleaning ribbon automatically cleans the marking card thus ensuring the best print quality for your markers.

You can also run automatic cleaning mode on the HTP500 from the digital screen.

### Low maintenance

The printing and feeding areas are easy to access allowing the ribbon to be changed in only a few seconds. The ribbon cartridge keeps your hands clean while you are replacing it.



64 cards feeder



Easy ribbon replacement



Special cleaning cassette easy to remove



Digital screen interface

## The smart options you need

### HTP500 software

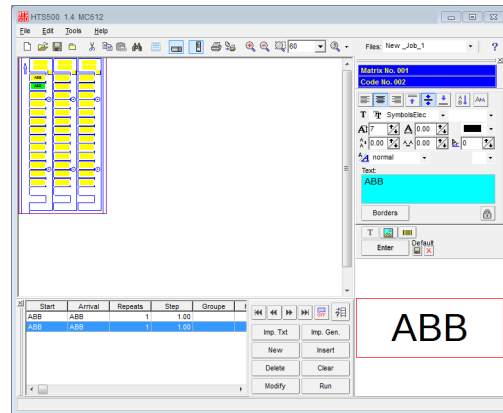
The software for the HTP500 is compatible with all Windows fonts and lets you import images and data in various formats (.csv, .glv, etc.) so you can fully customize your printouts.

### Limited number of support plates

With only 3 support plates, the HTP500 simplifies your everyday printing tasks.

### Comprehensive digital screen interface

Choose your language directly on the printer interface.



### Technical features

- Resolution: 300 dpi
- Length: 418 mm
- Width: 235 mm
- Height: 210 mm
- Weight: 9.5 kg.

### Computer configuration required

- Microsoft® Windows® XP, Windows Vista or Windows 7\*
- USB connection
- CD player or Internet connection.

\* Except Windows 7 64 bits.



## The versatile, compact and robust marking system

MARKINGenius® MG3 is a high resolution printer based on thermal transfer technology for producing high quality identification and labelling for terminal blocks, cables and all equipment mounted in electrical panels.

Compact, ergonomic, clean and quiet, MARKINGenius® MG3 may be conveniently located in an office or workshop or easily transported in the field.

Thermal transfer technology uses heat to transfer characters or symbols onto a plastic marker through an ink ribbon. Besides the excellent printing quality, there is no drying time and the markers are instantly usable.

With the MG3 thermal transfer printer, forget about drying times and clogged print head problems.

## Combined simplicity, performance and make savings

### Facilitate your printing process

**Compact design** (382 x 230 x 230 mm) facilitates use in workshops or in the field.

**Easy to install and use:** comprehensive quick-start kit. Intuitive software with easy data import and entry.

**Versatile:** many different media available: plastic markers, stickers, labels etc.

### Save time and consumables

**Gain time with a short printing process:**

12 seconds cycle. Carriage loading and unloading operation is fast and simple.

**Economic:** up to 300 000 markers with one ribbon. Partially printed marker card may be reused to avoid wastage.

**No drying time:** printed markers are immediately ready to use.

### Experience quality

**High Quality printing:** 300 x 600 dpi for image or graphic printing.

**Robust:** all moving parts are in metal.



High quality printing



Short printing cycle of 12 seconds



Economic: up to 300 000 markers with one ribbon



Many media types available for printing

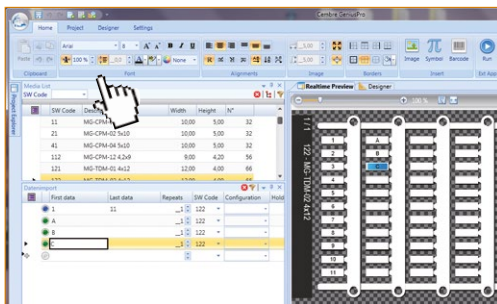
## MG3 thermal transfer printer

### Components of the kit

The MG3 printer is delivered with a comprehensive set of accessories for getting started quickly

Kit (Order code: 1SNB419001R0000) including:

- 1 Thermal transfer printer
- 1 Software CD
- 1 Power supply cable
- 1 USB cable
- 1 Installation, operating, maintenance and user documentation
- 1 Protective cover
- 1 Ribbon take up spool
- 1 MG2-QTB support plate for terminal block markers (MG-CPM-01, 02, 03, 04, 07)
- 1 MG2-PWC support plate for wire and cable markers (MG-TPM)
- 1 MG2-PLT support plate for wire and cable markers (MG-TPMF) and various labels and signs
- 1 MG2-ETB Support plate for SNK series terminal block markers (MG-CPM-13)
- 1 MG2-ETR Black printing ribbon.



### Genius Pro software

The Genius Pro software application benefits from long experience in the field and requires the operator to have only basic skills in order to use it. It is application-oriented and provides fast and easy data entry including a dynamic full-size media preview giving an accurate representation of the current job.

Features / characteristics:

- More than ten types of counter such as \*.txt, \*.cad, \*.dbf, \*.xls can be imported
- AutoCAD, Elcad, Spac and Excel import
- MATRIX, ACS and Simplo conversion

- Optimised printing of media for cables, terminal blocks, control gear, connectors, push buttons, components, panels and self-adhesive labels
- Specially developed proprietary Genius font and also Windows fonts
- Designs customised media
- Vector, drawing and clip art printing
- Free upgrades for each new release
- Microsoft® Windows® XP, Windows Vista®, Windows 2000 SP4®, Windows 7®.

## AMS 600 and AMS 250 plotter

The universal standard for printing jobs



### AMS 600

#### Universal printing plotter

Compatible with all original manufacturer terminal block markers (polyamide), it can also print other identification supports such as: wire and cable markers, push buttons, panels... This plotter offers a large working area, hosting up to 4 different support plates for one plot job.

#### Error detection mode

The A3 panel automatically recognises the support plate and avoids the need to select marking elements, it also warns the user when the support is wrongly installed.

#### Dry out protection system

Pens are prevented from drying out thanks to AMS 600 integrated pen station.

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### AMS 250

#### Compact

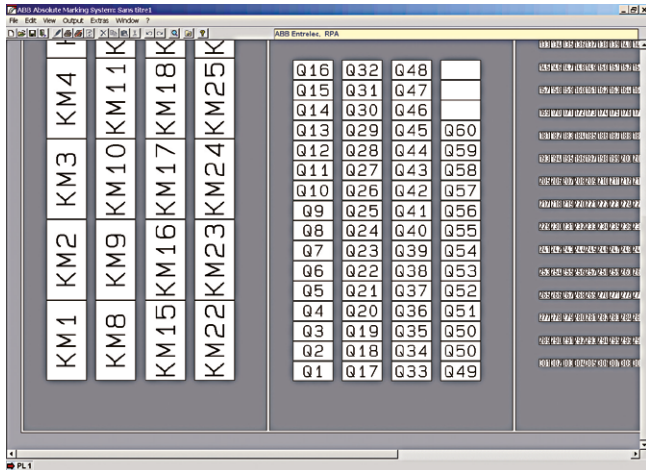
This A4 plotter is smaller than AMS 600 and is more suited to a cluttered environment.



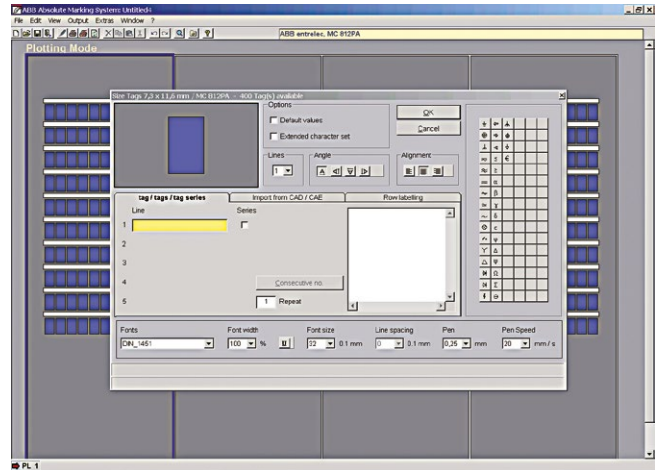
## Automatic installation

The installation program starts automatically. The computer just needs to be rebooted after it has finished and printing can start.

## What you see is what you get !



User friendly  
Microsoft® Windows® software



Time saving: data import function  
from CAD, TXT and Excel® files



### New special ink disposable plotter pens ED-R

- Disposable pens ED-R almost never clog, they are ideal for use in particularly dry environments.
- These pens are filled with the permanent ink ED, most suitable for marking various plastic surfaces.
- The ED ink should only be used on plastic material. Do not clean or touch with aggressive fluids.
- For applications outside of the control panel the ink P 2.0 is more suitable and durable.

## Terminal block markers

Blank card in polycarbonate - 5.2 mm 0.205 in spacing



MC512



HTP500-V2 KIT

### MC512 terminal block markers

#### Description

- MC512 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

#### Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		mm		inches			
Polycarbonate	V0	Horizontal	3	Vertical	8	4.8 x 12	0.189 x 0.472

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
Blank card	45	White <input type="checkbox"/>	MC512	1SNK140000R0000	22	9.00
		Yellow <input type="checkbox"/>	MC512-YL	1SNK140004R0000	22	9.00

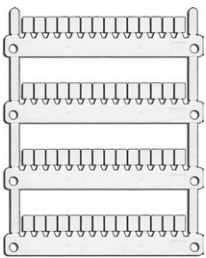
#### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Thermal transfer printer	HTP500-V2 KIT	1SNA235700R1500	1	16000.00

#### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600	1	291.00

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MG-CPM-13



MG3 KIT

### MG-CPM-13 terminal block markers

#### Description

- MG-CPM-13 41790 and 41740 markers are used for marking 5.2 mm 0.205 in spacing SNK terminal blocks,
- Provide an elevate mechanical robustness, high dimensional stability and are halogen free,
- Single application on terminal block,
- 35 cards per packing

#### Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		mm		inches			
Polycarbonate	V2	Horizontal	3	Vertical	8	4.8 x 12	0.196 x 0.472

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg marker	Weight (1 pce) g
Blank card	56	White <input type="checkbox"/>	MG-CPM-13 41790	1SNB041790R0512	1960	0.232
		Yellow <input type="checkbox"/>	MG-CPM 13 41740	1SNB041740R0512	1960	0.232

#### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Thermal transfer printer	MG3 KIT	1SNB419001R0000	1	12600.00

#### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Support plate for MG-CPM-13	MG2-ETB 991016	1SNB991016R0000	1	100.00

## Terminal block markers

Blank card in polyamide - 5.2 mm 0.205 in spacing



MC512PA



AMS 600

### MC512PA terminal block markers

#### Description

- MC512PA marker card in polyamide to be marked on AMS 600 marking table for medium scale volumes and standard industrial applications,
- Terminal blocks are directly independent after strip mounting,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

#### Main technical data

Material	Flammability	Maximum printed digits		Dimensions	
		Horizontal	Vertical	mm	inches
Polyamide	V2	3	8	4.8 x 12	0.189 x 0.472

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
Blank card	100	White <input type="checkbox"/>	MC512PA	1SNK149999R0000	20	10.00

#### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
AMS plotter	AMS 600 KIT	1SNA360000R2400	1	12600.00

#### Marking systems accessories

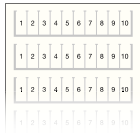
Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Marking support plate for MC PA marker cards (3 MC PA marker cards per plate)	SPRC 30-3	1SNA360039R1700	1	300.00

# MC512PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	4.8 x 12	0.189 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140091R0000	1	10.00
1->10 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140011R0000	1	10.00
11->20 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140021R0000	1	10.00
21->30 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140031R0000	1	10.00
31->40 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140041R0000	1	10.00
41->50 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140051R0000	1	10.00
51->60 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140061R0000	1	10.00
61->70 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140071R0000	1	10.00
71->80 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140081R0000	1	10.00
81->90 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140083R0000	1	10.00
91->100 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140101R0000	1	10.00
101->110 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140111R0000	1	10.00
111->120 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140121R0000	1	10.00
121->130 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140131R0000	1	10.00
131->140 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140141R0000	1	10.00
141->150 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140151R0000	1	10.00
151->160 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140161R0000	1	10.00
161->170 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140171R0000	1	10.00
171->180 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140181R0000	1	10.00
181->190 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140191R0000	1	10.00
191->200 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140201R0000	1	10.00
1->100	100	White <input type="checkbox"/>	MC512PA	1SNK145011R0000	1	10.00
101->200	100	White <input type="checkbox"/>	MC512PA	1SNK145021R0000	1	10.00
201->300	100	White <input type="checkbox"/>	MC512PA	1SNK145031R0000	1	10.00
301->400	100	White <input type="checkbox"/>	MC512PA	1SNK145041R0000	1	10.00
401->500	100	White <input type="checkbox"/>	MC512PA	1SNK145051R0000	1	10.00
501->600	100	White <input type="checkbox"/>	MC512PA	1SNK145061R0000	1	10.00
601->700	100	White <input type="checkbox"/>	MC512PA	1SNK145071R0000	1	10.00
701->800	100	White <input type="checkbox"/>	MC512PA	1SNK145081R0000	1	10.00
801->900	100	White <input type="checkbox"/>	MC512PA	1SNK145091R0000	1	10.00
A (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146011R0000	1	10.00
B (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146021R0000	1	10.00
C (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146031R0000	1	10.00
D (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146041R0000	1	10.00
E (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146051R0000	1	10.00
F (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146061R0000	1	10.00
G (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146071R0000	1	10.00
H (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146081R0000	1	10.00
I (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146091R0000	1	10.00
J (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146101R0000	1	10.00
K (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146111R0000	1	10.00
L (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146121R0000	1	10.00
M (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146131R0000	1	10.00
N (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146141R0000	1	10.00
O (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146151R0000	1	10.00
P (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146161R0000	1	10.00
Q (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146171R0000	1	10.00
R (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146181R0000	1	10.00
S (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146191R0000	1	10.00
T (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146201R0000	1	10.00
U (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146211R0000	1	10.00
V (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146221R0000	1	10.00
W (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146231R0000	1	10.00
X (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146241R0000	1	10.00
Y (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146251R0000	1	10.00

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1SNK160004S0201 - Rev. A

## MC512PA terminal block markers

### Pre-printed marker card for horizontal terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
← Continuation of previous page						
Z (x100)	100	White	MC512PA	1SNK146261R0000	1	10.00
0 (x100)	100	White	MC512PA	1SNK147001R0000	1	10.00
1 (x100)	100	White	MC512PA	1SNK147011R0000	1	10.00
2 (x100)	100	White	MC512PA	1SNK147021R0000	1	10.00
3 (x100)	100	White	MC512PA	1SNK147031R0000	1	10.00
4 (x100)	100	White	MC512PA	1SNK147041R0000	1	10.00
5 (x100)	100	White	MC512PA	1SNK147051R0000	1	10.00
6 (x100)	100	White	MC512PA	1SNK147061R0000	1	10.00
7 (x100)	100	White	MC512PA	1SNK147071R0000	1	10.00
8 (x100)	100	White	MC512PA	1SNK147081R0000	1	10.00
9 (x100)	100	White	MC512PA	1SNK147091R0000	1	10.00
+ (x100)	100	White	MC512PA	1SNK148001R0000	1	10.00
- (x100)	100	White	MC512PA	1SNK148011R0000	1	10.00
~ (x100)	100	White	MC512PA	1SNK148021R0000	1	10.00
= (x100)	100	White	MC512PA	1SNK148031R0000	1	10.00
≠ (x100)	100	White	MC512PA	1SNK148041R0000	1	10.00
L1 (x100)	100	White	MC512PA	1SNK148051R0000	1	10.00
L2 (x100)	100	White	MC512PA	1SNK148061R0000	1	10.00
L3 (x100)	100	White	MC512PA	1SNK148071R0000	1	10.00
PE (x100)	100	White	MC512PA	1SNK148091R0000	1	10.00
U1 (x100)	100	White	MC512PA	1SNK148101R0000	1	10.00
U2 (x100)	100	White	MC512PA	1SNK148111R0000	1	10.00
U3 (x100)	100	White	MC512PA	1SNK148121R0000	1	10.00
V1 (x100)	100	White	MC512PA	1SNK148131R0000	1	10.00
V2 (x100)	100	White	MC512PA	1SNK148141R0000	1	10.00
V3 (x100)	100	White	MC512PA	1SNK148151R0000	1	10.00
W1 (x100)	100	White	MC512PA	1SNK148161R0000	1	10.00
W2 (x100)	100	White	MC512PA	1SNK148171R0000	1	10.00
W3 (x100)	100	White	MC512PA	1SNK148181R0000	1	10.00
L1-L2-L3-N-PE (x20)	100	White	MC512PA	1SNK149001R0000	1	10.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White	MC512PA	1SNK149011R0000	1	10.00

# MC512PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	4.8 x 12	0.189 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140092R0000	1	10.00
1->10 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140012R0000	1	10.00
11->20 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140022R0000	1	10.00
21->30 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140032R0000	1	10.00
31->40 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140042R0000	1	10.00
41->50 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140052R0000	1	10.00
51->60 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140062R0000	1	10.00
61->70 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140072R0000	1	10.00
71->80 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140082R0000	1	10.00
81->90 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140084R0000	1	10.00
91->100 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140102R0000	1	10.00
101->110 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140112R0000	1	10.00
111->120 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140122R0000	1	10.00
121->130 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140132R0000	1	10.00
131->140 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140142R0000	1	10.00
141->150 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140152R0000	1	10.00
151->160 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140162R0000	1	10.00
161->170 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140172R0000	1	10.00
171->180 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140182R0000	1	10.00
181->190 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140192R0000	1	10.00
191->200 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK140202R0000	1	10.00
1->100	100	White <input type="checkbox"/>	MC512PA	1SNK145012R0000	1	10.00
101->200	100	White <input type="checkbox"/>	MC512PA	1SNK145022R0000	1	10.00
201->300	100	White <input type="checkbox"/>	MC512PA	1SNK145032R0000	1	10.00
301->400	100	White <input type="checkbox"/>	MC512PA	1SNK145042R0000	1	10.00
401->500	100	White <input type="checkbox"/>	MC512PA	1SNK145052R0000	1	10.00
501->600	100	White <input type="checkbox"/>	MC512PA	1SNK145062R0000	1	10.00
601->700	100	White <input type="checkbox"/>	MC512PA	1SNK145072R0000	1	10.00
701->800	100	White <input type="checkbox"/>	MC512PA	1SNK145082R0000	1	10.00
801->900	100	White <input type="checkbox"/>	MC512PA	1SNK145092R0000	1	10.00
901->1000	100	White <input type="checkbox"/>	MC512PA	1SNK145102R0000	1	10.00
A (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146012R0000	1	10.00
B (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146022R0000	1	10.00
C (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146032R0000	1	10.00
D (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146042R0000	1	10.00
E (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146052R0000	1	10.00
F (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146062R0000	1	10.00
G (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146072R0000	1	10.00
H (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146082R0000	1	10.00
I (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146092R0000	1	10.00
J (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146102R0000	1	10.00
K (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146112R0000	1	10.00
L (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146122R0000	1	10.00
M (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146132R0000	1	10.00
N (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146142R0000	1	10.00
O (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146152R0000	1	10.00
P (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146162R0000	1	10.00
Q (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146172R0000	1	10.00
R (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146182R0000	1	10.00
S (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146192R0000	1	10.00
T (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146202R0000	1	10.00
U (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146212R0000	1	10.00
V (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146222R0000	1	10.00

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1SNK16005S0201 - Rev. A

# MC512PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
← Continuation of previous page						
W (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146232R0000	1	10.00
X (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146242R0000	1	10.00
Y (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146252R0000	1	10.00
Z (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK146262R0000	1	10.00
0 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147002R0000	1	10.00
1 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147012R0000	1	10.00
2 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147022R0000	1	10.00
3 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147032R0000	1	10.00
4 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147042R0000	1	10.00
5 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147052R0000	1	10.00
6 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147062R0000	1	10.00
7 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147072R0000	1	10.00
8 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147082R0000	1	10.00
9 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK147092R0000	1	10.00
+ (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148002R0000	1	10.00
- (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148012R0000	1	10.00
~ (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148022R0000	1	10.00
= (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148032R0000	1	10.00
± (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148042R0000	1	10.00
L1 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148052R0000	1	10.00
L2 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148062R0000	1	10.00
L3 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148072R0000	1	10.00
PE (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148092R0000	1	10.00
U1 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148102R0000	1	10.00
U2 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148112R0000	1	10.00
U3 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148122R0000	1	10.00
V1 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148132R0000	1	10.00
V2 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148142R0000	1	10.00
V3 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148152R0000	1	10.00
W1 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148162R0000	1	10.00
W2 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148172R0000	1	10.00
W3 (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148182R0000	1	10.00
+24V (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148192R0000	1	10.00
+48V (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148202R0000	1	10.00
-24V (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148212R0000	1	10.00
-48V (x100)	100	White <input type="checkbox"/>	MC512PA	1SNK148222R0000	1	10.00
L1-L2-L3-N-PE (x20)	100	White <input type="checkbox"/>	MC512PA	1SNK149002R0000	1	10.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White <input type="checkbox"/>	MC512PA	1SNK149012R0000	1	10.00

## Terminal block markers

Blank card in polycarbonate - 6 mm 0.236 in spacing



MC612



HTP500-V2 KIT

### MC612 terminal block markers

#### Description

- MC612 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

#### Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		mm		inches			
Polycarbonate	V0	Horizontal	3	Vertical	8	5.6 x 12	0.220 x 0.472

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
Blank card	39	White <input type="checkbox"/>	MC612	1SNK150000R0000	22	10.00
		Yellow <input checked="" type="checkbox"/>	MC612-YL	1SNK150004R0000	22	10.00

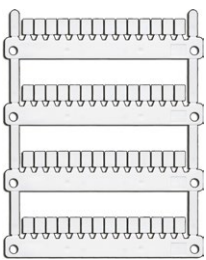
#### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Thermal transfer printer	HTP500-V2 KIT	1SNA235700R1500	1	16000.00

#### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600	1	291.00

6



MG-CPM-13



MG3 KIT

### MG-CPM-13 terminal block markers

#### Description

- MG-CPM-13 41791 and 41741 markers are used for marking 6 mm 0.236 in spacing SNK terminal blocks,
- Provide an elevate mechanical robustness, high dimensional stability and are halogen free,
- Single application on terminal block,
- 35 cards per packing.

#### Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		mm		inches			
Polycarbonate	V0	Horizontal	3	Vertical	8	5.6 x 12	0.236 x 0.472

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg marker	Weight (1 pce) g
Blank card	48	White <input type="checkbox"/>	MG-CPM-13 41791	1SNB041791R0612	1680	0.273
		Yellow <input checked="" type="checkbox"/>	MG-CPM 13 41741	1SNB041741R0612	1680	0.273

#### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Thermal transfer printer	MG3 KIT	1SNB419001R0000	1	12600.00

#### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Support plate for MG-CPM-13	MG2-ETB 991016	1SNB991016R0000	1	100.00



## Terminal block markers

Blank card in polyamide - 6 mm 0.236 in spacing



MC612



AMS 600

### MC612PA terminal block markers

#### Description

- MC612PA marker card in polyamide to be marked on AMS 600 marking table for medium scale volumes and standard industrial applications,
- Terminal blocks are directly independent after strip mounting,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

#### Main technical data

Material	Flammability	Maximum printed digits		Dimensions	
		Horizontal	Vertical	mm	inches
Polyamide	V2	3	8	5.6 x 12	0.220 x 0.472

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
Blank card	100	White <input type="checkbox"/>	MC612PA	1SNK159999R0000	20	11.00

#### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
AMS plotter	AMS 600 KIT	1SNA360000R2400	1	12600.00

#### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Marking support plate for MC PA marker cards (3 MC PA marker cards per plate)	SPRC 30-3	1SNA360039R1700	1	300.00

# MC612PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly



MC612PA



6 mm 0.236 in spacing

6

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	5.6 x 12	0.220 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150091R0000	1	11.00
1->10 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150011R0000	1	11.00
11->20 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150021R0000	1	11.00
21->30 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150031R0000	1	11.00
31->40 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150041R0000	1	11.00
41->50 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150051R0000	1	11.00
51->60 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150061R0000	1	11.00
61->70 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150071R0000	1	11.00
71->80 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150081R0000	1	11.00
81->90 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150083R0000	1	11.00
91->100 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150101R0000	1	11.00
101->110 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150111R0000	1	11.00
111->120 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150121R0000	1	11.00
121->130 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150131R0000	1	11.00
131->140 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150141R0000	1	11.00
141->150 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150151R0000	1	11.00
151->160 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150161R0000	1	11.00
161->170 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150171R0000	1	11.00
171->180 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150181R0000	1	11.00
181->190 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150191R0000	1	11.00
191->200 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK150201R0000	1	11.00
1->100	100	White <input type="checkbox"/>	MC612PA	1SNK155011R0000	1	11.00
101->200	100	White <input type="checkbox"/>	MC612PA	1SNK155021R0000	1	11.00
201->300	100	White <input type="checkbox"/>	MC612PA	1SNK155031R0000	1	11.00
301->400	100	White <input type="checkbox"/>	MC612PA	1SNK155041R0000	1	11.00
401->500	100	White <input type="checkbox"/>	MC612PA	1SNK155051R0000	1	11.00
501->600	100	White <input type="checkbox"/>	MC612PA	1SNK155061R0000	1	11.00
601->700	100	White <input type="checkbox"/>	MC612PA	1SNK155071R0000	1	11.00
701->800	100	White <input type="checkbox"/>	MC612PA	1SNK155081R0000	1	11.00
801->900	100	White <input type="checkbox"/>	MC612PA	1SNK155091R0000	1	11.00
A (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156011R0000	1	11.00
B (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156021R0000	1	11.00
C (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156031R0000	1	11.00
D (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156041R0000	1	11.00
E (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156051R0000	1	11.00
F (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156061R0000	1	11.00
G (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156071R0000	1	11.00
H (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156081R0000	1	11.00
I (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156091R0000	1	11.00
J (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156101R0000	1	11.00
K (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156111R0000	1	11.00
L (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156121R0000	1	11.00
M (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156131R0000	1	11.00
N (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156141R0000	1	11.00
O (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156151R0000	1	11.00
P (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156161R0000	1	11.00
Q (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156171R0000	1	11.00
R (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156181R0000	1	11.00
S (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156191R0000	1	11.00
T (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156201R0000	1	11.00
U (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156211R0000	1	11.00
V (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156221R0000	1	11.00
W (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156231R0000	1	11.00

Continue on next page →

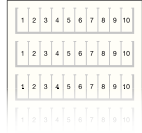
1SNK160007S0201 - Rev. A

## MC612PA terminal block markers

### Pre-printed marker card for horizontal terminal block assembly



MC612PA



6 mm 0.236 in spacing

#### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
← Continuation of previous page						
X (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156241R0000	1	11.00
Y (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156251R0000	1	11.00
Z (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK156261R0000	1	11.00
0 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157001R0000	1	11.00
1 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157011R0000	1	11.00
2 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157021R0000	1	11.00
3 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157031R0000	1	11.00
4 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157041R0000	1	11.00
5 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157051R0000	1	11.00
6 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157061R0000	1	11.00
7 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157071R0000	1	11.00
8 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157081R0000	1	11.00
9 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK157091R0000	1	11.00
+ (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158001R0000	1	11.00
- (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158011R0000	1	11.00
~ (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158021R0000	1	11.00
= (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158031R0000	1	11.00
Ground (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158041R0000	1	11.00
L1 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158051R0000	1	11.00
L2 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158061R0000	1	11.00
L3 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158071R0000	1	11.00
PE (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158091R0000	1	11.00
U1 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158101R0000	1	11.00
U2 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158111R0000	1	11.00
U3 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158121R0000	1	11.00
V1 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158131R0000	1	11.00
V2 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158141R0000	1	11.00
V3 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158151R0000	1	11.00
W1 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158161R0000	1	11.00
W2 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158171R0000	1	11.00
W3 (x100)	100	White <input type="checkbox"/>	MC612PA	1SNK158181R0000	1	11.00
L1-L2-L3-N-PE (x20)	100	White <input type="checkbox"/>	MC612PA	1SNK159001R0000	1	11.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White <input type="checkbox"/>	MC612PA	1SNK159011R0000	1	11.00

# MC612PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC612PA



6 mm 0.236 in spacing

6

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	5.6 x 12	0.220 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150092R0000	1	11.00
1->10 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150012R0000	1	11.00
11->20 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150022R0000	1	11.00
21->30 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150032R0000	1	11.00
31->40 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150042R0000	1	11.00
41->50 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150052R0000	1	11.00
51->60 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150062R0000	1	11.00
61->70 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150072R0000	1	11.00
71->80 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150082R0000	1	11.00
81->90 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150084R0000	1	11.00
91->100 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150102R0000	1	11.00
101->110 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150112R0000	1	11.00
111->120 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150122R0000	1	11.00
121->130 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150132R0000	1	11.00
131->140 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150142R0000	1	11.00
141->150 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150152R0000	1	11.00
151->160 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150162R0000	1	11.00
161->170 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150172R0000	1	11.00
171->180 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150182R0000	1	11.00
181->190 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150192R0000	1	11.00
191->200 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK150202R0000	1	11.00
1->100	100	White	<input type="checkbox"/> MC612PA	1SNK155012R0000	1	11.00
101->200	100	White	<input type="checkbox"/> MC612PA	1SNK155022R0000	1	11.00
201->300	100	White	<input type="checkbox"/> MC612PA	1SNK155032R0000	1	11.00
301->400	100	White	<input type="checkbox"/> MC612PA	1SNK155042R0000	1	11.00
401->500	100	White	<input type="checkbox"/> MC612PA	1SNK155052R0000	1	11.00
501->600	100	White	<input type="checkbox"/> MC612PA	1SNK155062R0000	1	11.00
601->700	100	White	<input type="checkbox"/> MC612PA	1SNK155072R0000	1	11.00
701->800	100	White	<input type="checkbox"/> MC612PA	1SNK155082R0000	1	11.00
801->900	100	White	<input type="checkbox"/> MC612PA	1SNK155092R0000	1	11.00
901->1000	100	White	<input type="checkbox"/> MC612PA	1SNK155102R0000	1	11.00
A (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156012R0000	1	11.00
B (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156022R0000	1	11.00
C (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156032R0000	1	11.00
D (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156042R0000	1	11.00
E (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156052R0000	1	11.00
F (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156062R0000	1	11.00
G (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156072R0000	1	11.00
H (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156082R0000	1	11.00
I (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156092R0000	1	11.00
J (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156102R0000	1	11.00
K (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156112R0000	1	11.00
L (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156122R0000	1	11.00
M (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156132R0000	1	11.00
N (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156142R0000	1	11.00
O (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156152R0000	1	11.00
P (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156162R0000	1	11.00
Q (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156172R0000	1	11.00
R (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156182R0000	1	11.00
S (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156192R0000	1	11.00
T (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156202R0000	1	11.00
U (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156212R0000	1	11.00
V (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156222R0000	1	11.00
W (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156232R0000	1	11.00
X (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156242R0000	1	11.00

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# MC612PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC612PA



6 mm 0.236 in spacing

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
← Continuation of previous page						
Y (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156252R0000	1	11.00
Z (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK156262R0000	1	11.00
0 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157002R0000	1	11.00
1 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157012R0000	1	11.00
2 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157022R0000	1	11.00
3 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157032R0000	1	11.00
4 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157042R0000	1	11.00
5 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157052R0000	1	11.00
6 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157062R0000	1	11.00
7 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157072R0000	1	11.00
8 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157082R0000	1	11.00
9 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK157092R0000	1	11.00
+ (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158002R0000	1	11.00
- (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158012R0000	1	11.00
~ (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158022R0000	1	11.00
= (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158032R0000	1	11.00
⊥ (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158042R0000	1	11.00
L1 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158052R0000	1	11.00
L2 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158062R0000	1	11.00
L3 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158072R0000	1	11.00
PE (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158092R0000	1	11.00
U1 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158102R0000	1	11.00
U2 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158112R0000	1	11.00
U3 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158122R0000	1	11.00
V1 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158132R0000	1	11.00
V2 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158142R0000	1	11.00
V3 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158152R0000	1	11.00
W1 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158162R0000	1	11.00
W2 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158172R0000	1	11.00
W3 (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158182R0000	1	11.00
+24V (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158192R0000	1	11.00
+48V (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158202R0000	1	11.00
-24V (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158212R0000	1	11.00
-48V (x100)	100	White	<input type="checkbox"/> MC612PA	1SNK158222R0000	1	11.00
L1-L2-L3-N-PE (x20)	100	White	<input type="checkbox"/> MC612PA	1SNK159002R0000	1	11.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White	<input type="checkbox"/> MC612PA	1SNK159012R0000	1	11.00

## MC812 terminal block markers

Blank card in polycarbonate or polyamide - 8 mm 0.315 in spacing



MC812



HTP500-V2 KIT

## MC812 terminal block markers

### Description

- MC812 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in)

### Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		mm		inches			
Polycarbonate	V0	Horizontal	4	Vertical	8	7.6 x 12	0.299 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
Blank card	30	White <input type="checkbox"/>	MC812	1SNK160000R0000	22	10.00
		Yellow <input checked="" type="checkbox"/>	MC812-YL	1SNK160004R0000	22	10.00

### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Thermal transfer printer	HTP500-V2 KIT	1SNA235700R1500	1	16000.00

### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600	1	291.00

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MC812PA



AMS 600

## MC812PA terminal block markers

### Description

- MC812PA marker card in polyamide to be marked on AMS 600 marking table for medium scale volumes and standard industrial applications,
- Terminal blocks are directly independent after strip mounting,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in)

### Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		mm		inches			
Polyamide	V2	Horizontal	3	Vertical	8	7.6 x 12	0.299 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
Blank card	100	White <input type="checkbox"/>	MC812PA	1SNK169999R0000	20	14.00

### Marking systems

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
AMS plotter	AMS 600 KIT	1SNA360000R2400	1	12600.00

### Marking systems accessories

Description	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Marking support plate for MC PA marker cards (3 MC PA marker cards per plate)	SPRC 30-3	1SNA360039R1700	1	300.00

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# MC812PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly



MC812PA



8 mm 0.315 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	7.6 x 12	0.299 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160091R0000	1	14.00
1->10 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160011R0000	1	14.00
11->20 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160021R0000	1	14.00
21->30 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160031R0000	1	14.00
31->40 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160041R0000	1	14.00
41->50 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160051R0000	1	14.00
51->60 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160061R0000	1	14.00
61->70 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160071R0000	1	14.00
71->80 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160081R0000	1	14.00
81->90 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160083R0000	1	14.00
91->100 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160101R0000	1	14.00
101->110 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160111R0000	1	14.00
111->120 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160121R0000	1	14.00
121->130 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160131R0000	1	14.00
131->140 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160141R0000	1	14.00
141->150 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160151R0000	1	14.00
151->160 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160161R0000	1	14.00
161->170 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160171R0000	1	14.00
171->180 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160181R0000	1	14.00
181->190 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160191R0000	1	14.00
191->200 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK160201R0000	1	14.00
1->100	100	White <input type="checkbox"/>	MC812PA	1SNK165011R0000	1	14.00
101->200	100	White <input type="checkbox"/>	MC812PA	1SNK165021R0000	1	14.00
201->300	100	White <input type="checkbox"/>	MC812PA	1SNK165031R0000	1	14.00
301->400	100	White <input type="checkbox"/>	MC812PA	1SNK165041R0000	1	14.00
401->500	100	White <input type="checkbox"/>	MC812PA	1SNK165051R0000	1	14.00
501->600	100	White <input type="checkbox"/>	MC812PA	1SNK165061R0000	1	14.00
601->700	100	White <input type="checkbox"/>	MC812PA	1SNK165071R0000	1	14.00
701->800	100	White <input type="checkbox"/>	MC812PA	1SNK165081R0000	1	14.00
801->900	100	White <input type="checkbox"/>	MC812PA	1SNK165091R0000	1	14.00
A (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166011R0000	1	14.00
B (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166021R0000	1	14.00
C (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166031R0000	1	14.00
D (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166041R0000	1	14.00
E (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166051R0000	1	14.00
F (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166061R0000	1	14.00
G (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166071R0000	1	14.00
H (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166081R0000	1	14.00
I (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166091R0000	1	14.00
J (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166101R0000	1	14.00
K (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166111R0000	1	14.00
L (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166121R0000	1	14.00
M (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166131R0000	1	14.00
N (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166141R0000	1	14.00
O (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166151R0000	1	14.00
P (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166161R0000	1	14.00
Q (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166171R0000	1	14.00
R (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166181R0000	1	14.00
S (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166191R0000	1	14.00
T (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166201R0000	1	14.00
U (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166211R0000	1	14.00
V (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166221R0000	1	14.00

Continue on next page →

# MC812PA terminal block markers

Pre-printed marker card for horizontal terminal block assembly



MC812PA



8 mm 0.315 in spacing

## Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
← Continuation of previous page						
W (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166231R0000	1	14.00
X (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166241R0000	1	14.00
Y (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166251R0000	1	14.00
Z (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166261R0000	1	14.00
0 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167001R0000	1	14.00
1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167011R0000	1	14.00
2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167021R0000	1	14.00
3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167031R0000	1	14.00
4 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167041R0000	1	14.00
5 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167051R0000	1	14.00
6 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167061R0000	1	14.00
7 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167071R0000	1	14.00
8 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167081R0000	1	14.00
9 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167091R0000	1	14.00
+ (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168001R0000	1	14.00
- (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168011R0000	1	14.00
~ (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168021R0000	1	14.00
= (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168031R0000	1	14.00
≠ (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168041R0000	1	14.00
L1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168051R0000	1	14.00
L2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168061R0000	1	14.00
L3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168071R0000	1	14.00
PE (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168091R0000	1	14.00
U1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168101R0000	1	14.00
U2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168111R0000	1	14.00
U3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168121R0000	1	14.00
V1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168131R0000	1	14.00
V2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168141R0000	1	14.00
V3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168151R0000	1	14.00
W1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168161R0000	1	14.00
W2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168171R0000	1	14.00
W3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168181R0000	1	14.00
L1-L2-L3-N-PE (x20)	100	White <input type="checkbox"/>	MC812PA	1SNK169001R0000	1	14.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK169011R0000	1	14.00



# MC812PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC812PA



8 mm 0.315 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	7.6 x 12	0.299 x 0.472

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White	MC812PA	1SNK160092R0000	1	14.00
1->10 (x10)	100	White	MC812PA	1SNK160012R0000	1	14.00
11->20 (x10)	100	White	MC812PA	1SNK160022R0000	1	14.00
21->30 (x10)	100	White	MC812PA	1SNK160032R0000	1	14.00
31->40 (x10)	100	White	MC812PA	1SNK160042R0000	1	14.00
41->50 (x10)	100	White	MC812PA	1SNK160052R0000	1	14.00
51->60 (x10)	100	White	MC812PA	1SNK160062R0000	1	14.00
61->70 (x10)	100	White	MC812PA	1SNK160072R0000	1	14.00
71->80 (x10)	100	White	MC812PA	1SNK160082R0000	1	14.00
81->90 (x10)	100	White	MC812PA	1SNK160084R0000	1	14.00
91->100 (x10)	100	White	MC812PA	1SNK160102R0000	1	14.00
101->110 (x10)	100	White	MC812PA	1SNK160112R0000	1	14.00
111->120 (x10)	100	White	MC812PA	1SNK160122R0000	1	14.00
121->130 (x10)	100	White	MC812PA	1SNK160132R0000	1	14.00
131->140 (x10)	100	White	MC812PA	1SNK160142R0000	1	14.00
141->150 (x10)	100	White	MC812PA	1SNK160152R0000	1	14.00
151->160 (x10)	100	White	MC812PA	1SNK160162R0000	1	14.00
161->170 (x10)	100	White	MC812PA	1SNK160172R0000	1	14.00
171->180 (x10)	100	White	MC812PA	1SNK160182R0000	1	14.00
181->190 (x10)	100	White	MC812PA	1SNK160192R0000	1	14.00
191->200 (x10)	100	White	MC812PA	1SNK160202R0000	1	14.00
1->100	100	White	MC812PA	1SNK165012R0000	1	14.00
101->200	100	White	MC812PA	1SNK165022R0000	1	14.00
201->300	100	White	MC812PA	1SNK165032R0000	1	14.00
301->400	100	White	MC812PA	1SNK165042R0000	1	14.00
401->500	100	White	MC812PA	1SNK165052R0000	1	14.00
501->600	100	White	MC812PA	1SNK165062R0000	1	14.00
601->700	100	White	MC812PA	1SNK165072R0000	1	14.00
701->800	100	White	MC812PA	1SNK165082R0000	1	14.00
801->900	100	White	MC812PA	1SNK165092R0000	1	14.00
901->1000	100	White	MC812PA	1SNK165102R0000	1	14.00
A (x100)	100	White	MC812PA	1SNK166012R0000	1	14.00
B (x100)	100	White	MC812PA	1SNK166022R0000	1	14.00
C (x100)	100	White	MC812PA	1SNK166032R0000	1	14.00
D (x100)	100	White	MC812PA	1SNK166042R0000	1	14.00
E (x100)	100	White	MC812PA	1SNK166052R0000	1	14.00
F (x100)	100	White	MC812PA	1SNK166062R0000	1	14.00
G (x100)	100	White	MC812PA	1SNK166072R0000	1	14.00
H (x100)	100	White	MC812PA	1SNK166082R0000	1	14.00
I (x100)	100	White	MC812PA	1SNK166092R0000	1	14.00
J (x100)	100	White	MC812PA	1SNK166102R0000	1	14.00
K (x100)	100	White	MC812PA	1SNK166112R0000	1	14.00
L (x100)	100	White	MC812PA	1SNK166122R0000	1	14.00
M (x100)	100	White	MC812PA	1SNK166132R0000	1	14.00
N (x100)	100	White	MC812PA	1SNK166142R0000	1	14.00
O (x100)	100	White	MC812PA	1SNK166152R0000	1	14.00
P (x100)	100	White	MC812PA	1SNK166162R0000	1	14.00
Q (x100)	100	White	MC812PA	1SNK166172R0000	1	14.00
R (x100)	100	White	MC812PA	1SNK166182R0000	1	14.00
S (x100)	100	White	MC812PA	1SNK166192R0000	1	14.00
T (x100)	100	White	MC812PA	1SNK166202R0000	1	14.00
U (x100)	100	White	MC812PA	1SNK166212R0000	1	14.00
V (x100)	100	White	MC812PA	1SNK166222R0000	1	14.00

Continue on next page →

## MC812PA terminal block markers

Pre-printed marker card for vertical terminal block assembly



MC812PA



8 mm 0.315 in spacing

### Ordering details

Description	Number of markers per card	Color	Type	Part Numbers	Pkg card	Weight (1 pce) g
← Continuation of previous page						
W (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166232R0000	1	14.00
X (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166242R0000	1	14.00
Y (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166252R0000	1	14.00
Z (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK166262R0000	1	14.00
0 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167002R0000	1	14.00
1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167012R0000	1	14.00
2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167022R0000	1	14.00
3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167032R0000	1	14.00
4 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167042R0000	1	14.00
5 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167052R0000	1	14.00
6 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167062R0000	1	14.00
7 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167072R0000	1	14.00
8 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167082R0000	1	14.00
9 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK167092R0000	1	14.00
+ (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168002R0000	1	14.00
- (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168012R0000	1	14.00
~ (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168022R0000	1	14.00
= (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168032R0000	1	14.00
± (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168042R0000	1	14.00
L1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168052R0000	1	14.00
L2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168062R0000	1	14.00
L3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168072R0000	1	14.00
PE (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168092R0000	1	14.00
U1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168102R0000	1	14.00
U2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168112R0000	1	14.00
U3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168122R0000	1	14.00
V1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168132R0000	1	14.00
V2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168142R0000	1	14.00
V3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168152R0000	1	14.00
W1 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168162R0000	1	14.00
W2 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168172R0000	1	14.00
W3 (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168182R0000	1	14.00
+24V (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168192R0000	1	14.00
+48V (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168202R0000	1	14.00
-24V (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168212R0000	1	14.00
-48V (x100)	100	White <input type="checkbox"/>	MC812PA	1SNK168222R0000	1	14.00
L1-L2-L3-N-PE (x20)	100	White <input type="checkbox"/>	MC812PA	1SNK169002R0000	1	14.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White <input type="checkbox"/>	MC812PA	1SNK169012R0000	1	14.00

# UMH universal wire markers holder - MG2-TDMO clip-on blank wire marker

## Markers and marking systems



5.2 mm 0.205 in spacing

### Mounting instructions



Install the UMH on the terminal blocks (strip mounting) and slide on the wire markers.

## UMH universal wire markers holder

### Description

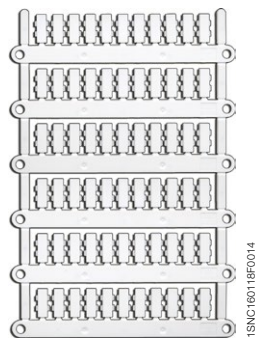
- Compatible with MG2 - TDMO wire markers and most of the wire markers available on the market (wire markers not supplied with UMH);
- Quickly put it on any SNK terminal blocks and accessories: strip mounting of 10 parts for 5.2 mm 0.205 in spacing, unitary mounting for other spacings.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
5.2 mm 0.205 in spacing	Grey <input type="checkbox"/>	UMH	1SNK900611R0000	10	0.20

### Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F2		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	-23 ... +104 °F	



MG2-TDMO

## MG2-TDMO clip-on blank wire marker

### Description

- Rigid Polycarbonate marker to be directly printed and snapped on the wire or the UMH wire marker holder,
- Print with support plate MG2-PTM.

### Main technical data

Material	Flammability	Temperature range
PC	V0	-40°C ... +140°C, - 22°F ... +176°F

### Ordering details

Dimensions mm   in	Number of markers per card	Color	Type	Part Numbers	SW code	Pkg qty	Weight (1 pce) g
<b>MG2-TDMO-01</b>							
4 x 12   0.157 x 0.472	40	White <input type="checkbox"/>	MG2-TDMO-01	40390	1SNB040390R0412   125	880	0.30
4 x 16   0.157 x 0.630	40	White <input type="checkbox"/>	MG2-TDMO-01	40391	1SNB040391R0416   128	880	0.30
4 x 12   0.157 x 0.472	40	Yellow <input checked="" type="checkbox"/>	MG2-TDMO-01	40340	1SNB040340R0412   125	800	0.30
4 x 16   0.157 x 0.630	40	Yellow <input checked="" type="checkbox"/>	MG2-TDMO-01	40341	1SNB040341R0416   128	800	0.30
<b>MG2-TDMO-02</b>							
4 x 12   0.157 x 0.472	40	White <input type="checkbox"/>	MG2-TDMO-02	40490	1SNB040490R0412   126	640	0.40
4 x 16   0.157 x 0.630	40	White <input type="checkbox"/>	MG2-TDMO-02	40491	1SNB040491R0416   129	640	0.40
4 x 12   0.157 x 0.472	40	Yellow <input checked="" type="checkbox"/>	MG2-TDMO-02	40440	1SNB040440R0412   126	640	0.40
4 x 16   0.157 x 0.630	40	Yellow <input checked="" type="checkbox"/>	MG2-TDMO-02	40441	1SNB040441R0416   129	640	0.40
<b>MG2-TDMO-03</b>							
4 x 12   0.157 x 0.472	40	White <input type="checkbox"/>	MG2-TDMO-03	40590	1SNB040590R0412   127	560	0.40
4 x 16   0.157 x 0.630	40	White <input type="checkbox"/>	MG2-TDMO-03	40591	1SNB040591R0416   130	560	0.40
4 x 12   0.157 x 0.472	40	Yellow <input checked="" type="checkbox"/>	MG2-TDMO-03	40540	1SNB040540R0412   127	560	0.40
4 x 16   0.157 x 0.630	40	Yellow <input checked="" type="checkbox"/>	MG2-TDMO-03	40541	1SNB040541R0416   130	560	0.40

### Marking system

MG3 KIT	AMS 250	AMS 600	HTP500		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Description	Support status	Type	Part Numbers	Pkg qty	Weight (1 pce) g
<b>Support plate</b>					
Support plate for cable tags MG2-TDMO & MG-TDM 4x16mm	Purchased separately	MG2-PTM 991010	1SNB991010R0000	1	116.00



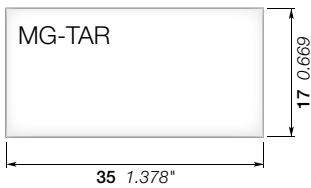
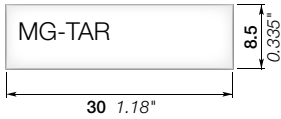
MG3 KIT

## Markers for components

### Markers and marking systems



MG-TAR



## MG-TAR markers for components

### Description

Identify your terminal blocks assembly with the precut blank label adapted to the LH label holders.

### Ordering details

Description	Nb. of markers per card	Nb. of card by package	Color	Type	Part Numbers	SW code	Pkg	Weight
For LH label holder	33	50	White <input type="checkbox"/>	MG-TAR 45490	1SNB045490R8530	720	marker	1 marker g
For LH-R1 label holder	18	50		MG-TAR 45194	1SNB045194R1735	711		900 0.628

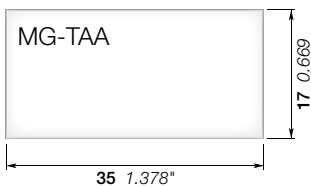
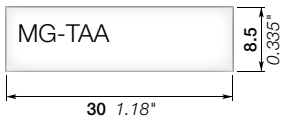
### Main technical data

Material specifications	Insulating material	Rigid PVC					
	Flammability	V0					
	NF F 16 101						
Ambient temperature min/max	Service IEC 60068-2-1	-30 ... +80 °C	-22 ... +176 °F				
	Storage	-30 ... +80 °C	-22 ... +176 °F				
	Installing	+10 ... +40 °C	+50 ... +104 °F				

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MG-TAA



## MG-TAA markers for components

### Description

Identify your terminal blocks assembly with the self adhesive label adapted to the LH label holders.

### Ordering details

Description	Nb. of markers per card	Nb. of card by package	Color	Type	Part Numbers	SW code	Pkg	Weight
For LH label holder	33	25	White <input type="checkbox"/>	MG-TAA 49498	1SNB049498R8530	33	825	0.55
	33	25	Yellow <input type="checkbox"/>	MG-TAA 49448	1SNB049448R8530	33	825	0.55
For LH-R1 label holder	18	25	White <input type="checkbox"/>	MG-TAA 49198	1SNB049198R1735	711	450	0.91
	18	25	Yellow <input type="checkbox"/>	MG-TAA 49148	1SNB049148R1735	711	450	0.91

### Main technical data

Material specifications	Insulating material	Rigid PVC					
	Flammability	V0					
	NF F 16 101						
Ambient temperature min/max	Service IEC 60068-2-1	-30 ... +80 °C	-22 ... +176 °F				
	Storage	-30 ... +80 °C	-22 ... +176 °F				
	Installing	+10 ... +40 °C	+50 ... +104 °F				



### Marking system & accessories

Description	Color	Type	Part Numbers	Pkg	Weight
Thermal transfer printer	Grey <input type="checkbox"/>	MG3 KIT	1SNB419001R0000	1 qty	12600 (1 pce) g

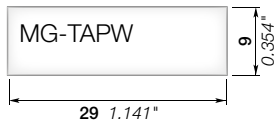
Technical data valid for copper conductors only.

## Markers for components

### Markers and marking systems



MG-TAPW



## MG-TAPW markers for components

### Description

Identify your terminal blocks assembly with the precut blank label adapted to the LH label holders.

### Ordering details

Description	Nb. of markers per card	Nb. of card by package	Color	Type	Part Numbers	SW code	Pkg	Weight
For LH label holder	30	50	White <input type="checkbox"/>	MG-TAPW 49096	1SNB049096R0929	363	marker	1 marker g
	30	50	Yellow <input type="checkbox"/>	MG-TAPW 49046	1SNB049046R0929	363	1500	0.30

### Main technical data

Material specifications	Insulating material	Rigid PVC				
	Flammability	V0				
Ambient temperature min/max	NF F 16 101					
	Service IEC 60068-2-1	-30 ... +80 °C	-22 ... +176 °F			
	Storage	-30 ... +80 °C	-22 ... +176 °F			
	Installing	+10 ... +40 °C	+50 ... +104 °F			



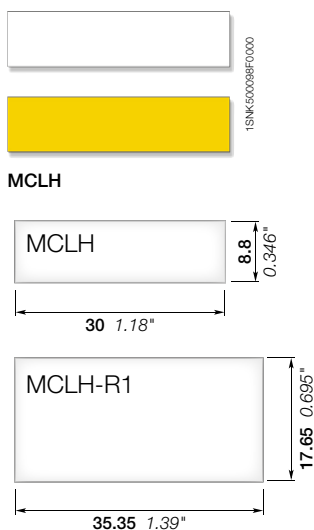
### Marking system & accessories

Description	Color	Type	Part Numbers	Pkg	Weight
Thermal transfer printer	Grey <input type="checkbox"/>	MG3 KIT	1SNB419001R0000	1	12600 (1 pce) g

Technical data valid for copper conductors only.

# Label

## Markers and marking systems



### MCLH label

#### Description

Identify your terminal blocks assembly with the self adhesive label adapted to the LH label holders.

#### Ordering details

Description	Nb. of markers per card	Nb. of card by package	Color	Type	Part Numbers	SW code	Pkg	Weight
For LH label holder	36	25	White <input type="checkbox"/>	MCLH	1SNK900630R0000		card	1 card <b>g</b>
			Yellow <input type="checkbox"/>	MCLH-YL	1SNK900633R0000		25	10.00
For LH-R1 label holder	15	25	White <input type="checkbox"/>	MCLH-R1	1SNK900631R0000		25	10.00
			Yellow <input type="checkbox"/>	MCLH-R1-YL	1SNK900634R0000		25	10.00

#### Main technical data

Material specifications	Insulating material	PVC + adhesive acrylic				
	Flammability	V0				
	NF F 16 101					
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F			
	Storage	-55 ... +110 °C	-67 ... +230 °F			
	Installing	-5 ... +40 °C	+23 ... +104 °F			

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#### Marking system & accessories

Description	Color	Type	Part Numbers	Pkg	Weight
1 Thermal transfer printer	Black <input type="checkbox"/>	HTP500-V2 KIT	1SNA235700R1500	1	16000.00
2 Plotter		AMS 600 KIT	1SNA360000R2400	1	12600.00
3 Support plate for AMS		SPRC 21	1SNA360031R0600	1	851.00

Complete list of accessories is indicated in the terminal block datasheet including end stops.  
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

# HTP500 thermal transfer printer

## Marking system



HTP500-V2 KIT



HTP500-CLEAN



HTP500-FEED



HTP500-PL2



RIB-B

### Description

- Performance,
- High volume and serial production,
- Dedicated for ABB terminal blocks.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Thermal transfer printer KIT		HTP500-V2 KIT	1SNA235700R1500	1	
<b>List of items included in the KIT :</b>					
1 HTP500-V2 Thermal transfer printer		HTP500-V2			
1 software CD		HTS500			
1 power supply cable		HTP500-PW			
1 USB cable		HTP500-USB			
1 support table		HTP500-BAS			
1 universal feeder for marker cards		HTP500-FEED			
1 cleaning cassette		HTP500-CLEAN			
1 black ribbon cassette		RIB-B			
1 support plate for ABB terminal block markers		HTP500-PL2			
1 universal support plate for wire markers		HTP500-PL			

### Feeders and support plates

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Universal feeder for marker cards		HTP500-FEED	1SNA235703R0400	1	
Support plate for ABB terminal block markers		HTP500-PL2	1SNA235705R0600	1	
Universal support plate for wire markers		HTP500-PL	1SNA235704R0500	1	

### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Black ribbon cassette		RIB-B	1SNA235710R0600	3	
Red ribbon cassette for identification plates and adhesive labels		RIB-R	1SNA235711R2300	3	
Red ribbon cassette for terminal blocks and wire markers		RIB-RS	1SNA235718R0200	3	
Cleaning cassette		HTP500-CLEAN	1SNA235714R2600	1	
Standard cleaning roll ø18		HTP500-ROLL	1SNA235715R2700	1	
Printing head		HTP500-PRINT	1SNA235716R2000	1	
Dust cover for HTP500 and AMS 600 systems		DUST COVER	1SNA360161R1500	1	
Wooden box for HTP500-V2 KIT		HTP500-WB	1SNA235717R2100	1	
Software CD		HTS500	1SNA235702R0300	1	
Support table		HTP500-BAS	1SNA235706R0700	1	
Power supply cable		HTP500-PW	1SNA235709R1200	1	

# MG3 thermal transfer printer

## Kit and accessories



MG3 KIT

### Description

- Versatile,
- Compact and robust,
- Easy to install and use.

### Ordering details

Description	Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
MG3 Thermal transfer printer KIT		MG3 KIT	1SNB419001R0000	1	12600.00
<b>List of items included in the KIT:</b>					
1 MG3 Thermal transfer printer		MG3			
1 Software CD		MG3 SOFTWARE			
1 Power supply cable		MG3 POWER			
1 USB cable		MG3 USB			
1 Protective cover		MG2 COVE 991680			
1 Ribbon take up spool		MG2-CRB 991654			
1 Black monochrome ribbon		MG2-ETR 991600			
1 Support plate for cable tags MG-TPM		MG2-PWC 991000			
1 Support plate for labels, cables, plates and various markers		MG2-PLT 991002			
1 Support plate for terminal block markers MG-CPM-01(5x10 and 5x15),02,03,04,07		MG2-QTB 991011			
1 Support plate for SNK series terminal block markers (MG-CPM-13)		MG2-ETB 991016			

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Support plate MG2-...

### Support plates

Description	Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
Support template for:					
Cable tags MG-TPM		MG2-PWC 991000	1SNB991000R0000	1	148.00
Labels, cable tags, plates and various markers		MG2-PLT 991002	1SNB991002R0000	1	148.00
Terminal block markers MG-CPM-05,12		MG2-WTB 991004	1SNB991004R0000	1	151.00
Terminal block markers MG-CPM-06		MG2-STB 991005	1SNB991005R0000	1	158.00
Terminal block markers MG-CPM-10		MG2-CTB 991006	1SNB991006R0000	1	156.00
Cable tags MG-TDM (4x12 mm)		MG2-PTD 991007	1SNB991007R0000	1	126.00
Terminal block markers MG-CPM-01 (5x7 mm)		MG2-MTB 991008	1SNB991008R0000	1	149.00
Cable tags MG2-TDMO and MG-TDM (4x16 mm)		MG2-PTM 991010	1SNB991010R0000	1	116.00
Terminal block markers MG-CPM-01 (5x10 and 5x15 mm),02,03,04,07		MG2-QTB 991011	1SNB991011R0000	1	120.00
Terminal block markers ABB RC and MC series		MG2-ABM 991012	1SNB991012R0000	1	146.00
Terminal block markers MG-CPM-09		MG2-LTB 991013	1SNB991013R0000	1	128.00
Terminal block markers SNK series MG-CPM-13		MG2-ETB 991016	1SNB991016R0000	1	100.00

### PET blank cover for support plate

Description	Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
PET blank for support plate MG2-PWC		MG2-TWC 991502	1SNB991502R0000	3	16.70
PET blank for support plate MG2-PLT		MG2-TLT 991522	1SNB991522R0000	3	14.70
PET blank for support plate MG2-PTD		MG2-TTD 991563	1SNB991563R0000	3	11.70
PET blank for support plate MG2-MTB		MG2-TMT 991513	1SNB991513R0000	3	12.00
PET blank for support plate MG2-WTB		MG2-TWT 991542	1SNB991542R0000	3	12.00
PET blank for support plate MG2-STB		MG2-TST 991552	1SNB991552R0000	3	21.50
PET blank for support plate MG2-CTB		MG2-TCT 991562	1SNB991562R0000	3	12.00
PET blank for support plate MG2-QTB		MG2-TGT 991532	1SNB991532R0000	3	11.70
PET blank for support plate MG2-ETB		MG2-TTB 991512	1SNB991512R0000	3	10.70

### Accessories

Description	Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
Print head cleaning kit		MG2-CKP 991670	1SNB991670R0000	1	336.00
Black monochrome ribbon	Black	MG2-ETR 991600	1SNB991600R0000	1	227.00
Blue monochrome ribbon	Blue	MG2-ETR 991601	1SNB991601R0000	1	229.00
Red monochrome ribbon	Red	MG2-ETR 991602	1SNB991602R0000	1	255.00
Green monochrome ribbon	Green	MG2-ETR 991603	1SNB991603R0000	1	247.00
White monochrome ribbon	White	MG2-ETR 991606	1SNB991606R0000	1	333.00



Ribbons MG2-ETR...



# AMS plotter

## Kit and accessories



AMS 600

### AMS 600

#### Description

- For basic marking applications,
- Economic,
- Full-size format,
- Print original manufacturers' markers.

#### Ordering details

Description	Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
AMS 600 Plotter KIT		AMS 600 KIT	1SNA360000R2400	1	12600
<b>List of items included in the KIT:</b>					
1 AMS 600 plotter pen printer		AMS 600			
1 Software CD		AMS SOFTWARE			
1 Power supply cable		AMS POWER			
1 USB cable		AMS USB			
1 Support plate for RC / MC / RCTT / WMTT / BA4 / RCT		SPRC1			
1 Support plate for MC...PA		SPRC 30-3			
1 Plotter pen Ø 0.25 mm .01 in		AMS PEN 0.25			
1 Plotter pen Ø 0.35 mm .014 in		AMS PEN 0.35			
5 Ink cartridges		AMS INK CARTRIDGES			
1 Cleaner fluid		AMS CLEANER FLUID			
1 Cleaner kit		AMS CLEANER KIT			



AMS 250

### AMS 250

#### Description

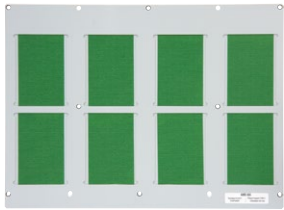
- Basic needs,
- Economic,
- Half-size format
- Compatible with most of AMS 600 accessories.

#### Ordering details

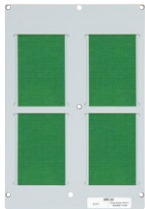
Description	Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
AMS 250 Plotter KIT		AMS 250 BASIC KIT	1SNA360000R2500	1	8800
<b>List of items included in the KIT:</b>					
1 AMS 250 plotter pen printer		AMS 250 BASIC			
1 Software CD		AMS SOFTWARE			
1 Power supply cable		AMS POWER			
1 USB cable		AMS USB			
1 Support plate for BA4 / MC / RC / RCAL / RCT / RCTT		SPRC2			
1 Disposable plotter pen Ø 0.25 mm .01 in EDR ink		DISPOSABLE AMS PEN ED-R 0.25			
1 Disposable plotter pen Ø 0.35 mm .014 in EDR ink		DISPOSABLE AMS PEN ED-R 0.35			

# AMS plotter

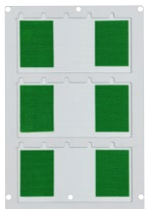
## Kit and accessories



SPRC1



SPRC2



SPRC30-3

### Support plates for ABB markers

Description	Compatibility		Type	Part Numbers	Pkg pce	Weight (1 pce) g
	AMS 500 AMS 600	AMS 250				
Support plates for:						
RC/MC/RCTT/WMTT/BA4/RCT full format	●		SPRC 1	1SNA360010R1500	1	1500.00
RC/MC/RCTT/WMTT/BA4/RCT		●	SPRC 2	1SNA360011R1500	1	600.00
RB strips	●	●	SPRC 4	1SNA360014R0500	1	300.00
RTM7-9	●		SPRC 5	1SNA360015R0600	1	1700.00
PIB	●	●	SPRC 13	1SNA360023R0600	1	260.00
BA5-50	●	●	SPRC 14	1SNA360024R0700	1	300.00
RC-X10A	●	●	SPRC 15	1SNA360025R0000	1	300.00
2 RC cards	●	●	SPRC 16	1SNA360026R0100	1	300.00
WM markers	●	●	SPRC 26	1SNA360036R0300	1	300.00
PAM strip	●	●	SPRC 27	1SNA360037R0400	1	300.00
RPCV markers	●	●	SPRC 28	1SNA360040R2300	1	300.00
RCL, P, W510	●	●	SPRC 29	1SNA360038R1500	1	300.00
MC... PA	●	●	SPRC 30-3	1SNA360039R1700	1	500.00
A4 universal support plate	●	●	SPRC 21	1SNA360031R0600	1	500.00

### Support plates for other manufacturers

Description	Compatibility		Type	Part Numbers	Pkg pce	Weight (1 pce) g
	AMS 500 AMS 600	AMS 250				
Support plates for markers:						
Wieland	●	●	SPRC 6	1SNA360016R0700	1	350.00
Weidmüller	●	●	SPRC 7	1SNA360017R0000	1	400.00
Phoenix ZBM 5/6	●	●	SPRC 8	1SNA360018R1100	1	300.00
Phoenix ZB	●	●	SPRC 9	1SNA360019R1200	1	300.00
Allen Bradley WRZ	●	●	SPRC 10	1SNA360020R1700	1	330.00
Wago mini WSB5	●	●	SPRC 11	1SNA360021R0400	1	300.00

### Accessories

Description	Diameter Color	Type	Part Numbers	Pkg pce	Weight (1 pce) g
Plotter pen P 2.0 black ink	Ø 0.18 mm 0.007 in	Red ■ AMS PEN 0.18	1SNA360103R1400	1	15.00
	Ø 0.25 mm 0.01 in	White □ AMS PEN 0.25	1SNA360100R2500	1	15.00
	Ø 0.35 mm 0.014 in	Yellow ■ AMS PEN 0.35	1SNA360101R1200	1	15.00
	Ø 0.50 mm 0.02 in	Brown ■ AMS PEN 0.50	1SNA360104R1500	1	26.00
	Ø 0.70 mm 0.028 in	Blue ■ AMS PEN 0.70	1SNA360105R1600	1	26.00
	Ø 1.00 mm 0.039 in	Orange ■ AMS PEN 1.00	1SNA360106R1700	1	26.00
Disposable plotter pen P 2.0 black ink	Ø 0.25 mm 0.01 in	White □ DISPOSABLE AMS PEN 0.25	1SNA360120R1000	1	24.00
	Ø 0.35 mm 0.014 in	Yellow ■ DISPOSABLE AMS PEN 0.35	1SNA360121R0500	1	24.00
Disposable plotter pen ED-R black ink	Ø 0.18 mm 0.007 in	Red ■ DISPOSABLE AMS PEN ED-R 0.18	1SNA360124R1000	1	24.00
	Ø 0.25 mm 0.01 in	White □ DISPOSABLE AMS PEN ED-R 0.25	1SNA360122R1000	1	24.00
	Ø 0.35 mm 0.014 in	Yellow ■ DISPOSABLE AMS PEN ED-R 0.35	1SNA360123R0500	1	24.00
5 ink cartridges 1 ml		AMS INK CARTRIDGES	1SNA360150R2600	1	18.00
2 cleaner fluid bottles, 2x10 ml		AMS CLEANER FLUID	1SNA360155R1700	1	40.00
Cleaner kit including: 1 rinse bottle and 1 blotting paper		AMS CLEANER KIT	1SNA360156R1000	1	34.00
Dust cover		DUST COVER	1SNA360161R1500	1	200.00
Service kit for pen maintenance		SERVICE KIT FOR AMS 500	1SNA360162R1600	1	12.00
Self-adhesive support for support plate SPRC 1		SPDST1	1SNA360163R1700	1	70.00
Plotter head for AMS 500 including 1 printing module, 1 pen holder and 1 dust cover		PEN HOLDER	1SNA360098R1200	1	85.00



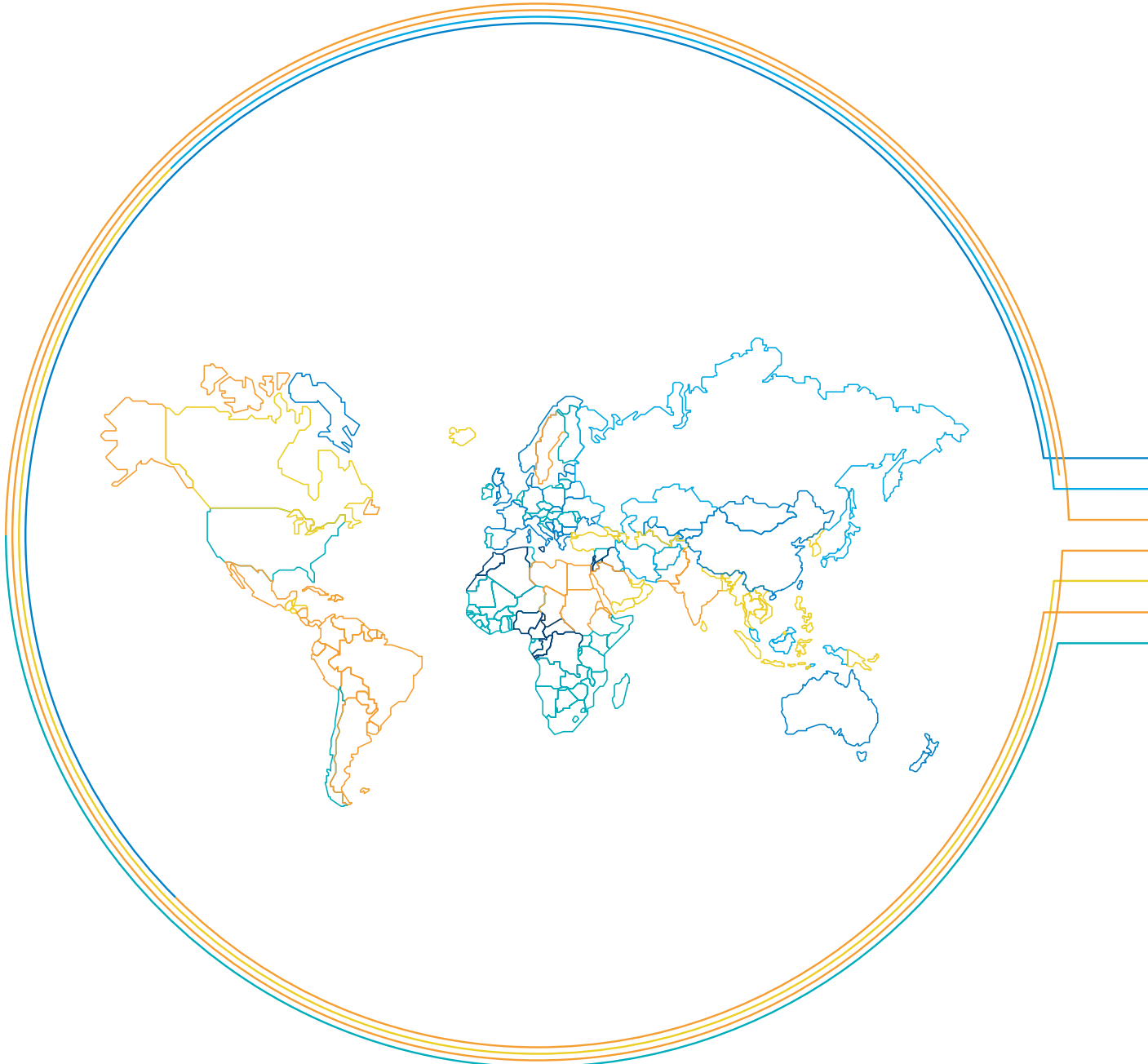
AMS PEN



AMS CLEANER KIT



AMS INK CARTRIDGES



# Index

## Part Numbers classification

Part Numbers	Type	Page	Part Numbers	Type	Page	Part Numbers	Type	Page
1SNA113542R1000	PC5-2	101	1SNB041740R0512	MG-CPM 13 41740	224	1SNK145051R0000	MC512PA	226
1SNA113544R1200	PC5-10	101	1SNB041741R0612	MG-CPM 13 41741	230	1SNK145052R0000	MC512PA	228
1SNA116538R1700	PC8-2	204	1SNB041790R0512	MG-CPM 13 41790	224	1SNK145061R0000	MC512PA	226
1SNA116539R1000	PC8-3	204	1SNB041791R0612	MG-CPM 13 41791	230	1SNK145062R0000	MC512PA	228
1SNA116540R2500	PC8-4	204	1SNB043196R0012	MG-CPMFA 43196	165	1SNK145071R0000	MC512PA	226
1SNA116900R2700	BADH	87	1SNB045194R1735	MG-TAR 45194	179	1SNK145072R0000	MC512PA	228
1SNA168672R1100	PC8-10	151	1SNB045490R8530	MG-TAR 45490	179	1SNK145081R0000	MC512PA	226
1SNA164800R0300	PR3.G2	175	1SNB046415R0615	MG-VYT 46415	195	1SNK145082R0000	MC512PA	228
1SNA168500R1200	PR4	176	1SNB046915R0615	MG-VYT 46915	195	1SNK145091R0000	MC512PA	226
1SNA168672R1100	TGA8	116	1SNB049046R0929	MG-TAPW 49046	243	1SNK145092R0000	MC512PA	228
1SNA168673R1200	TGA8	116	1SNB049096R0929	MG-TAPW 49096	243	1SNK145102R0000	MC512PA	228
1SNA168674R1300	TGA8	116	1SNB049148R1735	MG-TAA 49148	179	1SNK146011R0000	MC512PA	226
1SNA168675R1400	ANT	116	1SNB049198R1735	MG-TAA 49198	179	1SNK146012R0000	MC512PA	228
1SNA168700R2200	PR5	176	1SNB049448R8530	MG-TAA 49448	179	1SNK146021R0000	MC512PA	226
1SNA173220R0500	PR30	174	1SNB049498R8530	MG-TAA 49498	179	1SNK146022R0000	MC512PA	228
1SNA173523R1100	PC81-10	116	1SNB419001R0000	MG3 KIT	224	1SNK146031R0000	MC512PA	226
1SNA174300R1700	PR3.Z2	174	1SNB991000R0000	MG2-PLWC 991000	246	1SNK146032R0000	MC512PA	228
1SNA178430R0500	RCPEB	179	1SNB991002R0000	MG2-PLT 991002	246	1SNK146041R0000	MC512PA	226
1SNA178431R2200	EPR1	179	1SNB991004R0000	MG2-WTB 991004	246	1SNK146042R0000	MC512PA	228
1SNA178529R0400	PR50	175	1SNB991005R0000	MG2-STB 991005	246	1SNK146051R0000	MC512PA	226
1SNA179726R0200	AJS9	148	1SNB991006R0000	MG2-CTB 991006	246	1SNK146052R0000	MC512PA	228
1SNA206053R0700	BJMI31.2	87	1SNB991007R0000	MG2-PTD 991007	246	1SNK146061R0000	MC512PA	226
1SNA206054R0000	BJMI31.3	87	1SNB991008R0000	MG2-MTB 991008	246	1SNK146062R0000	MC512PA	228
1SNA206126R2500	BJMI36.2	88	1SNB991010R0000	MG2-PTM 991010	241	1SNK146071R0000	MC512PA	226
1SNA206223R0600	BJMI36.3	88	1SNB991011R0000	MG2-QTB 991011	246	1SNK146072R0000	MC512PA	228
1SNA206680R1500	AJS9-BK	150	1SNB991012R0000	MG2-ABM 991012	246	1SNK146081R0000	MC512PA	226
1SNA206681R0200	AJS9-GN	150	1SNB991013R0000	MG2-LTB 991013	246	1SNK146082R0000	MC512PA	228
1SNA206682R0300	AJS9-GR	150	1SNB991016R0000	MG2-ETB 991016	224	1SNK146091R0000	MC512PA	226
1SNA206683R0400	AJS9-BL	150	1SNB991502R0000	MG2-TWC 991502	246	1SNK146092R0000	MC512PA	228
1SNA206720R1400	AJS9-RD	150	1SNB991512R0000	MG2-TTB 991512	246	1SNK146101R0000	MC512PA	226
1SNA206721R0100	AL4-M3	148	1SNB991513R0000	MG2-TMT 991513	246	1SNK146102R0000	MC512PA	228
1SNA206765R0000	AJS9-WH	150	1SNB991522R0000	MG2-TLT 991522	246	1SNK146111R0000	MC512PA	226
1SNA206772R0000	AJS9-PR	150	1SNB991532R0000	MG2-TGT 991532	246	1SNK146112R0000	MC512PA	228
1SNA206782R0000	AJS9-BR	150	1SNB991542R0000	MG2-TWT 991542	246	1SNK146121R0000	MC512PA	226
1SNA235106R2600	PAM43020	208	1SNB991552R0000	MG2-TST 991552	246	1SNK146122R0000	MC512PA	228
1SNA235155R2600	PIB2-TT	179	1SNB991562R0000	MG2-TCT 991562	246	1SNK146131R0000	MC512PA	226
1SNA235157R2000	PIB2-TT-YL	179	1SNB991563R0000	MG2-TTD 991563	246	1SNK146132R0000	MC512PA	228
1SNA235158R0100	RCPEAD-TT	179	1SNK140000R0000	MC512	21	1SNK146141R0000	MC512PA	226
1SNA235159R0200	RCPEAD-TT-YL	179	1SNK140004R0000	MC512-YL	224	1SNK146142R0000	MC512PA	228
1SNA235700R1500	HTP500-V2 KIT	224	1SNK140011R0000	MC512PA	226	1SNK146151R0000	MC512PA	226
1SNA235703R0400	HTP500-FEED	245	1SNK140012R0000	MC512PA	228	1SNK146152R0000	MC512PA	228
1SNA235704R0500	HTP500-PL	245	1SNK140021R0000	MC512PA	226	1SNK146161R0000	MC512PA	226
1SNA235705R0600	HTP500-PL2	224	1SNK140022R0000	MC512PA	228	1SNK146162R0000	MC512PA	228
1SNA238000R1600	RC1010	87	1SNK140031R0000	MC512PA	226	1SNK146171R0000	MC512PA	226
1SNA360000R2400	AMS 600 KIT	225	1SNK140032R0000	MC512PA	228	1SNK146172R0000	MC512PA	228
1SNA360000R2500	AMS 250 BASIC KIT	247	1SNK140041R0000	MC512PA	226	1SNK146181R0000	MC512PA	226
1SNA360010R1500	SPRC 1	248	1SNK140042R0000	MC512PA	228	1SNK146182R0000	MC512PA	228
1SNA360011R1500	SPRC 2	248	1SNK140051R0000	MC512PA	226	1SNK146191R0000	MC512PA	226
1SNA360014R0500	SPRC 4	248	1SNK140052R0000	MC512PA	228	1SNK146192R0000	MC512PA	228
1SNA360015R0600	SPRC 5	248	1SNK140061R0000	MC512PA	226	1SNK146201R0000	MC512PA	226
1SNA360016R0700	SPRC 6	248	1SNK140062R0000	MC512PA	228	1SNK146202R0000	MC512PA	228
1SNA360017R0000	SPRC 7	248	1SNK140071R0000	MC512PA	226	1SNK146211R0000	MC512PA	226
1SNA360018R1100	SPRC 8	248	1SNK140072R0000	MC512PA	228	1SNK146212R0000	MC512PA	228
1SNA360019R1200	SPRC 9	248	1SNK140081R0000	MC512PA	226	1SNK146221R0000	MC512PA	228
1SNA360020R1700	SPRC 10	248	1SNK140082R0000	MC512PA	228	1SNK146222R0000	MC512PA	226
1SNA360021R0400	SPRC 11	248	1SNK140083R0000	MC512PA	226	1SNK146231R0000	MC512PA	226
1SNA360023R0600	SPRC 13	248	1SNK140084R0000	MC512PA	228	1SNK146232R0000	MC512PA	229
1SNA360024R0700	SPRC 14	248	1SNK140091R0000	MC512PA	226	1SNK146241R0000	MC512PA	226
1SNA360025R0000	SPRC 15	248	1SNK140092R0000	MC512PA	228	1SNK146242R0000	MC512PA	229
1SNA360026R0100	SPRC 16	248	1SNK140101R0000	MC512PA	226	1SNK146251R0000	MC512PA	226
1SNA360031R0600	SPRC 21	244	1SNK140102R0000	MC512PA	228	1SNK146252R0000	MC512PA	229
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ZK2.5-S-R1	1SNK705061R0000	47	ZS4-GN	1SNK505061R0000	76	ZS95-BL	1SNK526020R0000	86
ZK2.5-T1	1SNK705511R0000	57	ZS4-OR	1SNK505030R0000	76	ZS95-PE	1SNK526150R0000	86
ZK2.5-T1-PE	1SNK705550R0000	56	ZS4-PE	1SNK505150R0000	76	ZS95-YL	1SNK526060R0000	86
ZK2.5-T3	1SNK705510R0000	56	ZS4-PE-R2	1SNK506153R0000	127			
ZK2.5-WH	1SNK705065R0000	21	ZS4-PR	1SNK505063R0000	76			
ZK2.5-YL	1SNK705060R0000	21	ZS4-R1	1SNK508013R0000	120			
ZK4	1SNK706010R0000	24	ZS4-R2	1SNK506013R0000	126			
ZK4-3P	1SNK706011R0000	25	ZS4-RD	1SNK505062R0000	76			
ZK4-3P-BL	1SNK706021R0000	25	ZS4-S	1SNK505310R0000	101			
ZK4-3P-OR	1SNK706031R0000	25	ZS4-S-BL	1SNK505320R0000	101			
ZK4-4P	1SNK706012R0000	26	ZS4-SF	1SNK506410R0000	122			
ZK4-4P-BL	1SNK706022R0000	26	ZS4-SF1	1SNK508410R0000	116			
ZK4-4P-OR	1SNK706032R0000	26	ZS4-SF1-OR	1SNK508430R0000	116			
ZK4-BK	1SNK706066R0000	24	ZS4-SF1-R1	1SNK508412R0000	118			
ZK4-BL	1SNK706020R0000	24	ZS4-SF1-R2	1SNK508413R0000	119			
ZK4-OR	1SNK706030R0000	24	ZS4-SF1-R3	1SNK508414R0000	118			
ZK4-PE	1SNK706150R0000	24	ZS4-SF1-R4	1SNK508415R0000	119			
ZK4-PE-3P	1SNK706151R0000	25	ZS4-SF1-T2	1SNK508411R0000	117			
ZK4-PE-4P	1SNK706152R0000	26	ZS4-SF-R1	1SNK506412R0000	124			
ZK4-RD	1SNK706062R0000	24	ZS4-SF-R2	1SNK506413R0000	125			
ZK4-YL	1SNK706060R0000	24	ZS4-SF-R3	1SNK506415R0000	124			
ZK6	1SNK708010R0000	27	ZS4-SF-R4	1SNK506416R0000	125			
ZK6-3P	1SNK708011R0000	28	ZS4-SF-T2	1SNK506411R0000	123			
ZK6-3P-BL	1SNK708021R0000	28	ZS4-S-OR	1SNK505330R0000	101			
ZK6-3P-OR	1SNK708031R0000	28	ZS4-SP	1SNK505313R0000	108			
ZK6-BK	1SNK708066R0000	27	ZS4-SP-R1	1SNK506313R0000	110			
ZK6-BL	1SNK708020R0000	27	ZS4-SP-T2	1SNK505314R0000	109			
ZK6-OR	1SNK708030R0000	27	ZS4-SP-T2-R1	1SNK506314R0000	111			
ZK6-PE	1SNK708150R0000	27	ZS4-S-R1	1SNK506310R0000	103			
ZK6-PE-3P	1SNK708151R0000	28	ZS4-S-R1-BL	1SNK506320R0000	103			
ZK6-RD	1SNK708062R0000	27	ZS4-S-R1-OR	1SNK506330R0000	103			
ZK6-YL	1SNK708060R0000	27	ZS4-S-R2	1SNK506414R0000	128			
ZS10	1SNK508010R0000	80	ZS4-S-R3	1SNK508416R0000	121			
ZS10-BK	1SNK508066R0000	80	ZS4-S-T2	1SNK505311R0000	102			
ZS10-BL	1SNK508020R0000	80	ZS4-S-T2.3	1SNK505312R0000	102			



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- Innovating for tomorrow's solutions.
- Perfect connection reliability in response to all connection challenges.

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<p><b>Connection devices</b>  <b>SNK Series</b>                  The innovative range available in Pi-Spring (Push-in and spring), screw clamp and pluggable technologies with common accessories.  <a href="#">Link</a></p>	<p><b>Connection devices</b>  <b>SNA Series</b>                  The well known historical range is available in screw clamp and stud technologies with a large choice of sections and colours variants.  <a href="#">Link</a></p>	<p><b>Connection devices</b>  <b>Solution series</b>                  Polyvalent range featuring: IDC, spring loaded, quick-connect technologies and specific solutions such as Interfast PLC's pre-wiring system, and ESSAILEC® CT &amp; VT test blocks.  <a href="#">Link</a></p>	<p><b>Markers and marking systems</b>                  The markers and marking systems offering covers all the needs for electrical panel identification: markers and labels for terminal block, wire &amp; cable, component &amp; equipment...  <a href="#">Link</a></p>
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### Our technologies

<p><b>Screw clamp technology</b>                  The ABB screw clamp technology is designed to provide a reliable and safe connection and avoid accidental release due to vibrations, shocks or even abusive cable draw.  <a href="#">Link</a></p>	<p><b>Pi-Spring (Push-in and spring) technology</b>                  The patented design of ABB's Pi-Spring features the benefits of two technologies (Push-in and spring) in one connection.  <a href="#">Link</a></p>	<p><b>Spring technology</b>                  The ABB spring clamp technology offers connection flexibility with front entry connection  <a href="#">Link</a></p>	<p><b>Spring loaded screw clamp technology</b>                  The spring loaded technology is designed to guaranty electrical continuity even when screw are loosened unintentionally.  <a href="#">Link</a></p>
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