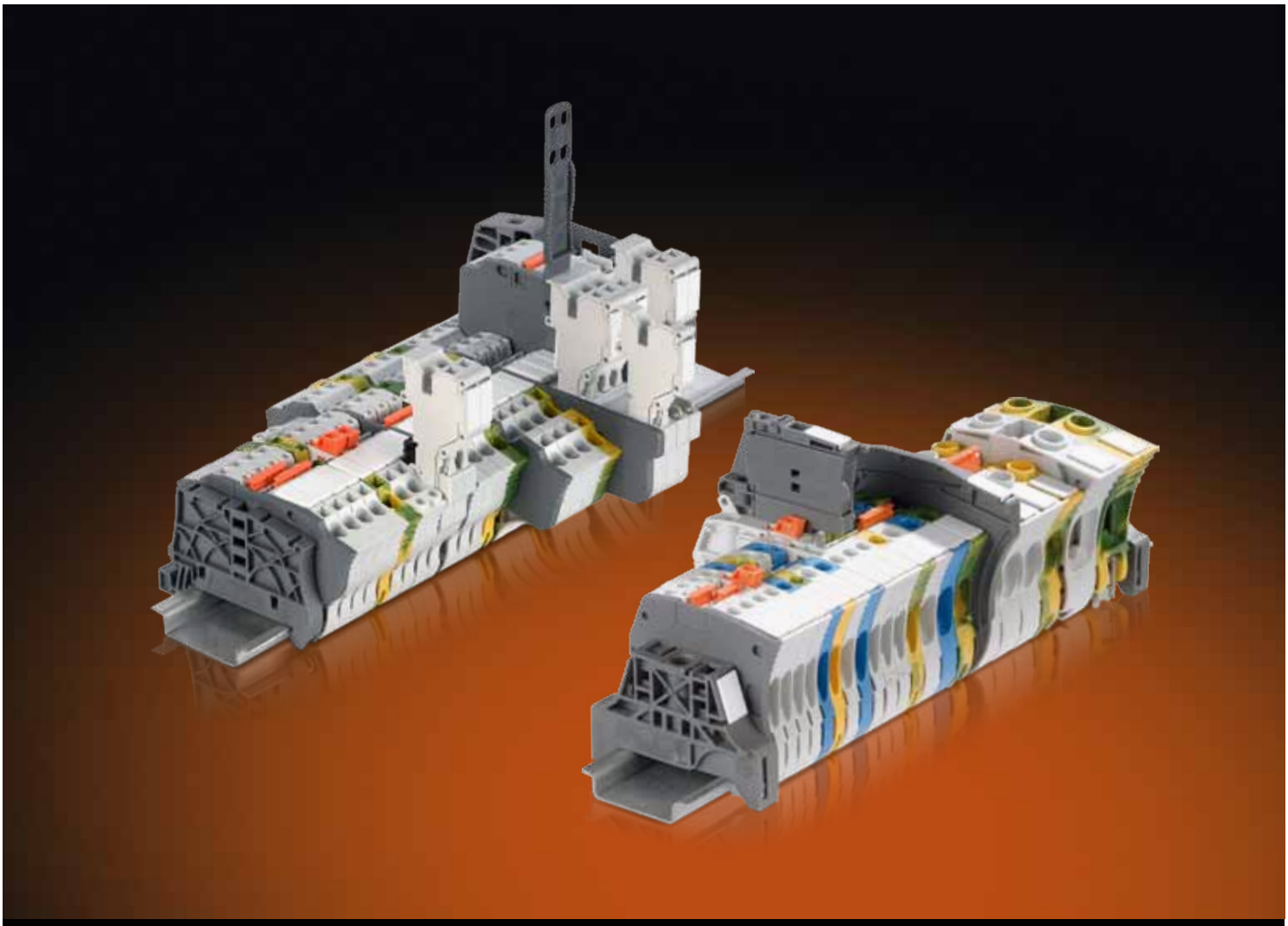

Main catalog - January 2013

SNK series
Terminal blocks

Power and productivity
for a better world™

SNK series, terminal blocks, accessories, marking solutions

Overview 2 1

Screw clamp terminal blocks 13 2

PI-Spring screwless terminal blocks 75 3

Accessories 95 4

Marking solutions 129 5

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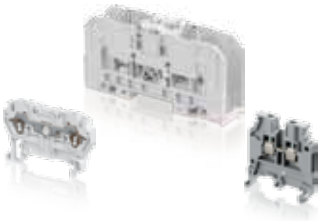
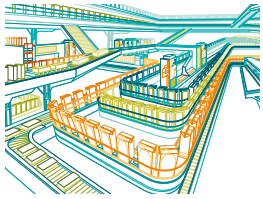
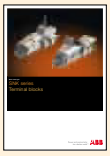
1SNK160053S0201 - Rev. A

Connection devices offering

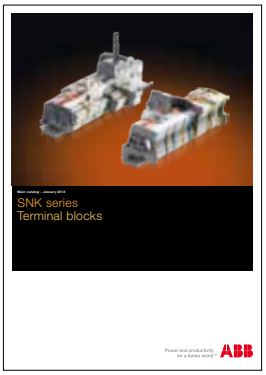
1

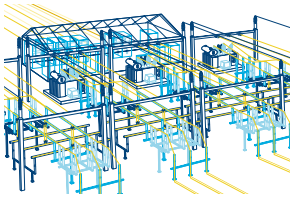
ABB proposes one of the largest connection offering on the market with various technologies: screw, spring, IDC, pluggable, stud… technologies found in over 6000 products & solutions.

IN THIS CATALOG

	SNA series		SNK series		Terminal blocks	
Purpose	Standard industrial applications		Prefered terminal blocks for: High standard industries Building industry Channel partners		Market segments	Applications/functions
Product families & functions	**Screw**	Feed-through Multi-deck Ground Disconnect For fuses	**Screw**	Feed-through Multi-deck Ground Disconnect For fuses	**Energy** **Railway** **Process automation** **Petro-chemical** Instrumentation Hazardous locations HVAC & Compressor Wind Pump & Water Machinery & Safety Critical power Solar	Protection: PEN, neutral switch Disconnect: multilevel, plugs... For fuse protection Test & Measurement Sensor actuator For distribution boxes Space saving: miniblocks Power distribution Component holders
	Spring	Feed-through Double deck Ground Disconnect For fuses	**PI-Spring**	Feed-through Double deck Ground Disconnect		
	Stud	Feed-through	**Pluggable** **PI-Spring**	Feed-through 1 or 2 circuits		
						
Main catalog	SNA series terminal blocks 		SNK series terminal blocks 		Solution series terminal blocks 	
Web	www.abb.com/lowvoltage catalog pages, certificates, approvals http://abb-control-products.partcommunity.com 3D & 2D drawings download		www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals www.web-emedia.com catalog pages, videos, presentations, drawings, tools http://abb-control-products.partcommunity.com 3D & 2D drawings download		www.abb.com/lowvoltage catalog pages http://abb-control-products.partcommunity.com 3D & 2D drawings download	

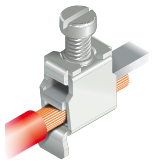
Rediscover the art of connection with our innovative SNK series. Find more about our complete ABB terminal block offering on the web: www.abb.com/lowvoltage



Solution series			
	ESSAILEC®	Interfast	Marking
Technologies	Test blocks	Pre-wiring for PLC	Markers & marking systems
Screw clamp **Spring clamp** **ADO System®** **Pluggable** **Safety (spring loaded)** Stud Quick-connect Solder	Current & voltage sockets Current & voltage plugs	Interfast PCB Interfast MS Cables	Marking systems Markers for terminal blocks: – Pre-marked – Blanks Markers for wires & cables Adhesive labels
			
	ESSAILEC® test blocks 	Interface modules & selection guides 	Marking solutions
	www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals	www.abb.com/lowvoltage catalog pages, selection guides (ABB, Siemens, Schneider, Rockwell...), brochures, technical datasheets, certificates, approvals www.web-emedia.com/interfast eSelection guide, catalog pages, videos, presentations, drawings	www.abb.com/lowvoltage catalog pages, user guide, softwares

1SNK160056S0201 - Rev. A

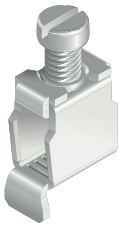
SNK series, terminal blocks
Screw clamp technology



1

Rely on our expertise

ABB screw clamp technology benefits from 50 years of experience.
Billions of our screw clamps have been manufactured and are used worldwide every day.



Qualified for worldwide markets and applications
Eco-designed according to international environmental standards in sustainable development.

A smart design to support your daily connection challenges

Revitalise your electrical installations
Modern. High quality finishing.

Improve marking visibility from any direction
Asymmetrical design offers the best visibility from any direction, +20 % marking surface.

Facilitate your rail assembly process
Asymmetrical shape: easy to handle, prevents risk of short-circuit. Stiffness: improved holding adherence to the rail, low deflection when tightening. Locking pin: quick and easy to lock up to ten blocks in position at a time.

Smooth your connecting process
Engineered conductor entry: optimized conductor guiding, easier connection. One or two conductors. Conductors with or without ferrules.

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. Handwriting possible.

Best marking visibility from any direction

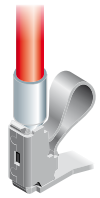
Facilitated rail assembly process

Engineered conductor entry

Maintenance operations facilitated

1SNK161027S0201 - Rev. A

SNK series, terminal blocks
PI-Spring screwless technology



Free your connection!

Our exclusive PI-Spring technology combines the performance of spring terminal blocks with the flexibility of tool-free direct plug-in connection.

1 terminal block = 2 connection solutions

Direct, for rigid or flexible conductor with ferrule (short or long, insulated or non-insulated)

With screwdriver, for flexible conductor without ferrule

A robust connection:

- Excellent pulling strength
- Vibration and shock resistant
- Optimal resistance to climatic variations, with a hardened steel connection and corrosion proof treatment.

Patented connection

A smart design to support your daily connection challenges

Facilitate your rail assembly process

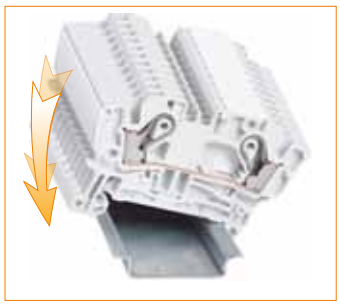
10 pre-assembled blocks for a quick plug-in mounting.
15° conductor inclination in order to better fit the conductor bent radius.
The 100% secure, **asymmetrical shape** enables a visual control, avoiding backwards mounting and short-circuit hazards.

Smooth your connecting process with screwdriver

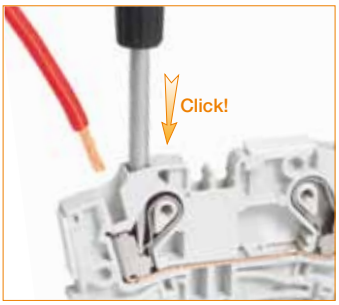
One click, and the screwdriver is firmly locked in the block. The connection remains completely open for hands-free wiring.
90° is the right screwdriver position for easy access and better ergonomics.
100% reliable, no damage or interruption if the screwdriver is accidentally inserted into the conductor's housing.

Facilitate maintenance operations

+20% marking surface available. Markings can be made with a marker pen.
Terminals, even when marked, can be **individually removed** from a terminal assembly.



10 pre-assembled blocks



Fits conductor bent radius

100% safe – Visible backwards-mounting

Individual block removal, even if marked

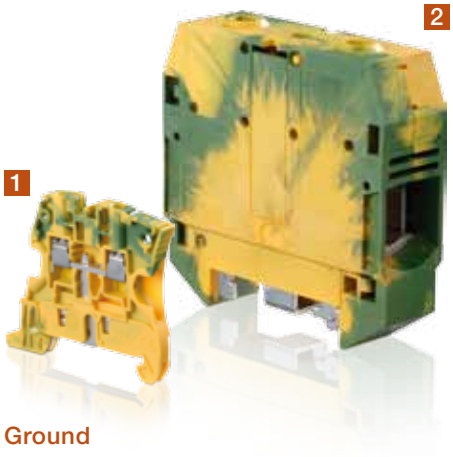
1SNK162017S0201 - Rev. A

SNK series, terminal blocks
Screw clamp technology
A complete set of terminal blocks to fit your essential functions

1

Feed-through
High density & connecting capacities

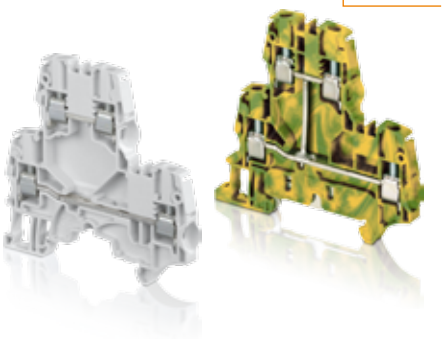
Connect 1 or 2 rigid, flexible, flexible with single or twin ferrules from 0.2 to 95 mm² (*24* to *0000 AWG*).



Ground
Reliable rail connection

Strict qualification tests, in addition to those required in IEC 60947-7-2 standard, have been performed to guarantee the reliability.

New 2012



Double deck
High wiring density for space savings

Offers efficient space reduction for switchgears with space constraints or sensors with multiple connection constraints.

Smart design
Easy and ergonomic mounting thanks to the unique profile of the terminal blocks:
- Easy to handle
- Reverse mounting error-free.

Clear marking areas
Marking surfaces can be read clearly from any angle in an enclosure and are larger than standard markers in the market.

Maximized flexibility
The two terminal blocks central channels-aligned from 4 mm² *12 AWG* up to 16 mm² *4 AWG* terminal blocks offer flexibility of use:
- Common and polarity distribution with JB screwless jumper bars
- Power distribution with JB85-3 cross-spacing jumpers
- Continuity control with TP4 or TP2 test adapters
- Advanced testing (simulation, dielectric control, etc.) prior customer acceptance with TC test connectors
- Overvoltage protection and temperature control with PG5-R2 components holder.

Reduce use of accessories
- One unique end section and circuit separator fits all feed-through terminal blocks
- Common accessories with the PI-Spring screwless terminal blocks.

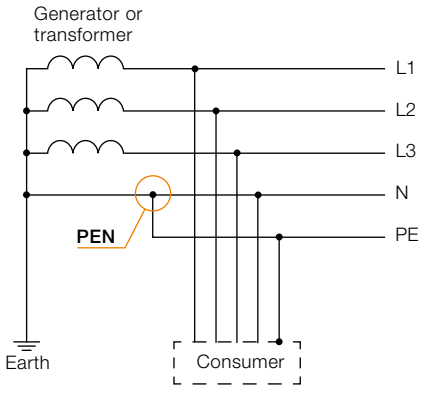
Convenient mounting
1 Snap-in rail connection for rapid installation and removal for 0.22 mm² *24 AWG* up to 16 mm² *4 AWG* ground terminal blocks. Simply snap it on the DIN3-TH35 rail and it is connected to the rail.
Our smart design enables block removal without any risk of damaging the rail connection part.

2 Robust screw rail connection for higher rated sections 35 mm² *0 AWG* up to 95 mm² *0000 AWG* ground terminal blocks.

All double deck terminal blocks have two marking areas as well as two central channels per deck for:
- Common and polarity distribution with JB screwless jumper bars
- Continuity control or advanced testing (simulation, dielectric control, etc.) with TP4, TP2 test adapters and TC test connectors, on the upper deck only.

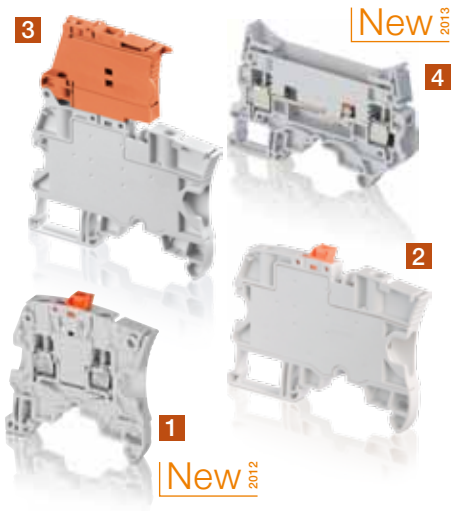
New 2012

The PEN terminal blocks are adapted to TNS and TNC-S electrical network, thanks to the combination of a ground and neutral (blue) interconnected.
For 10 mm² and 16 mm², the interconnection is made thanks to a screwless jumper. For 35 mm² the combination is already factory assembled.



TN-C-S electrical network PEN

1SNK161028S0201 - Rev. A



Disconnect
Time saving for test circuit operations

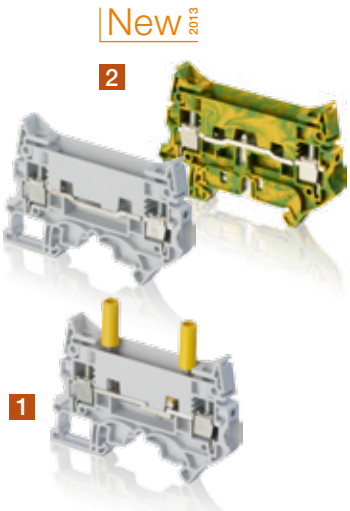
Easily isolate your circuit for testing and maintenance purpose.

1 Compact
The ZS4-S, ZS6-S & ZS10-S compact versions have an identical profile to the feed-through terminal block for many benefits such as identical end section use.

2 Expert
The ZS4-S-R1 expert version has two central jumper channels aligned with the ZS6 feed-through terminal block for convenient alternated distribution.

3 Alignment
The disconnect terminal blocks ZS4-S-R2, ZS4-S-R3 & ZS10-S-R2 with lever are perfectly adapted for use in line with fuse terminal blocks .

4 High rating
The ZS10-ST is equipped with a robust disconnect sliding link operated with a screwdriver and benefits from high current rating (50 A IEC).



Test & Measurement
Secure your measurement operations

The ZS10-ST... ease and secure the operations of test, measurement and replacement of equipments connected to CT's, PT's and control circuits.

A complete compact family
The test & measurement family is composed of five terminal blocks that provide a comprehensive solution to all energy applications (see details in specific chapter).

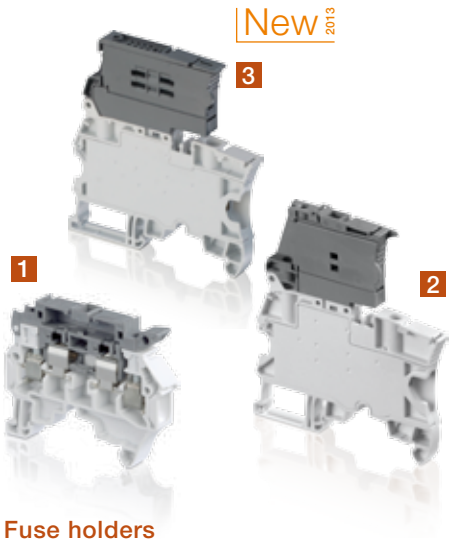
1 Sliding link disconnect
ZS10-ST-T4: compact solution perfectly adapted to CT circuits for measurement and short circuit operation.

ZS10-ST-1: compact solution perfectly adapted to PT circuits for measurement.

ZS10-ST: can be fully customized with colored test sockets in order to identify conveniently each phase and is compatible with the ZS10-ST-T4 accessories.

2 Alignment
ZS10-R1: feed-through terminal block with same profile as ZS10-ST.

ZS10-PE-R1: ground terminal block with same profile as ZS10-ST.



Fuse holders
Optimized circuit protection

Ease the protection of your circuits and the identification of blown-fuses.

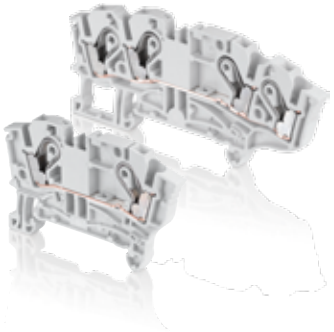
Standard
1 The ZS4-SF1 fits 5 x 20 mm and 5 x 25 mm fuses for circuit protection.

Expert
2 The ZS4-SF & **3** ZS10-SF fits 5 x 20 mm and 6.3 x 32 mm fuses for circuit protection. They have two central jumper channels for convenient common distribution and are aligned with disconnect with lever terminal blocks, as well as the feed through terminal block for convenient alternated distribution and reduced wiring.

1SNK161028S0201 - Rev. A

SNK series, terminal blocks
PI-Spring screwless technology
A complete set of terminal blocks to fit your essential functions

1



Feed-through
Easy and ergonomic mounting thanks to the unique profile of the terminal blocks

- Easy to handle
- Reverse mounting error-free
- 10 pre-assembled blocks for a quick plug-in mounting thanks to the foot locking pin.

Clear marking areas
Central marking surface allow a perfect reading with no visual obstacle. The marking surface is larger than standard markers in the market.

Maximized flexibility
The two terminal blocks central channels offer flexibility of use:
- Common and polarity distribution with JB screwless jumper bars
- Continuity control with TP4 or TP2 test adapters
- Advanced testing (simulation, dielectric control, etc.) prior customer acceptance with TC test connectors
- Overvoltage protection and temperature control with PG5-R2 components holder
- Reduce use of accessories
- Common accessories with the screw clamp terminal blocks.

Double deck
High wiring density for space savings

Offers efficient space reduction for switchgears with space constraints or sensors with multiple connection constraints.

All double deck terminal blocks have two marking areas as well as two central channels per deck for:
- Common and polarity distribution with JB screwless jumper bars
- Continuity control or advanced testing (simulation, dielectric control, etc.) with TP4, TP2 test adapters and TC test connectors
- Use of the component holder PG5 on both deck.

Ground
Reliable rail connection

Snap-in rail connection for rapid installation and removal for 0.5 mm² *20 AWG* to 2.5 mm² *12 AWG*.

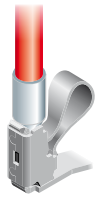
Simply snap it on the DIN3-TH35 rail and it is connected to the rail.
Strict qualification tests, in addition to those required in IEC standard 60947-7-2, have been performed to guarantee the reliability of the snap-in rail connection in mechanical endurance and lifetime performance.
Our smart design enables block removal without any risk of damaging the rail connection part.

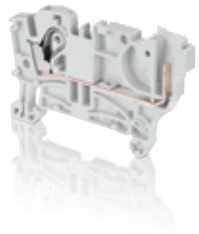
Disconnect
Time saving for test circuit operations

Snap-in rail connection for rapid installation and removal for 0.5 mm² *20 AWG* to 2.5 mm² *10 AWG*.

The ZP2.5-S has an identical profile to the ZP2.5 feed-through terminal block for many benefits such as identical end section use or marking alignment.

1SNK162018S0201





Pluggable

Optimize equipment assembly processes thanks to pre-wired leads, pre-inspected leads

Facilitate equipment maintenance by using dedicated test plugs (continuity, dielectric, simulations...).
Simplified replacement of faulty equipment.
The pluggable function allows cabinet separation for transportation. On-site assembly is then greatly facilitated.

Main features

The two central channels allows distribution or double channel for distribution or testings, front marking surface, coding pegs used to avoid mismatch connections, locking devices to ensure the plug locking on the block.

Expert

High density wiring, and circuit distribution thanks to a dual connection on both sides. Allow redundancy (usage of 2 controllers in parallel for security purposes).

Double deck

High wiring density for space savings.
Offers efficient space reduction for switchgears with space constraints or sensors with multiple connection constraints, combined with the pluggable benefits.

Female plug

Unitary plugs to be assembled manually to create a plug connector matching the terminal block ZDP assembly.
C2.5 is equipped with the same PI-Spring screwless connection as the terminal blocks (2.5 mm² *12 AWG*).

Each pole can be marked individually thanks to the SNK 12 mm markers.
Cable clamps will keep the wires all together.
Locking devices will hold the plug on the terminal block assembly.

1SNK162018S0201

SNK series, terminal blocks
A complete set of accessories compatible with screw clamp and PI-Spring screwless technologies

1

End stops

Choose between the new compact screwless BAZ1, the robust BAM3 and the high BAZH1 for double deck and blocks up to 35 mm² *0 AWG*. All compatible with SNK label holders LH.

End sections

One end section ES4 for the core feed-through range from 4 mm² to 95 mm² *10 to 000 AWG*. Just a few ends sections needed for the entire SNK series range.

Circuit separators

Separate and easily visualize different parts of your assembly with the universal circuit CS-R1 or the CS without spacing loss.

Screwless jumpers

Simplify the block interconnection with the isolated screwless jumper JB available for 4 to 16 mm² *10 to 4 AWG* terminal blocks.

New 2013

Screw jumpers

Pre-assembled insulated screw jumper for ZS10-ST (JB8) or ZS35 (JB16) terminal blocks. Up to 10 poles.

New 2013

Lateral jumpers

These jumpers are compatible with ZS10-ST test & measurement terminal blocks.

Testing solutions

Test your assembly up to 15 poles with the test connector TC or simply control the voltage with the test adaptor TP for 2, 2.3 or 4 mm test plug diameter.

New 2013

Test sockets

Test CT & PT circuits with IP20 AJS9 test sockets compatible with DIA. 4 mm *0.157 in* test plugs (per IEC 60101-031).

New 2013

Short circuit bridges

SC-JB8 short circuit bridges allow safe short-circuiting of CT's:

- Insulated
- Fully operated with screwdriver
- Short circuited position secured thanks to AJS9 tightening
- Compatible with ZS10-ST test & measurement terminal blocks.

Shielding

Ensure the continuity of your shield connection with the SHB shield connectors providing rapid and convenient installation for the screw SNK blocks standard feed-through and double deck.

SHBP is designed to be used on PI-Spring screwless ZP2.5 terminal block. These shield connectors are perfectly integrated in the body of the blocks and do not create any extra spacing.

Protecting covers

Terminal block assembly protection will be easily done thanks to the CO long cover, delivered by 1 m length, and to be cut as needed.

KCO mounting kit protective covers to be used with CO cover reliably restrict access to your terminal assembly with the possibility of sealing.

Individual covers PL

PL individual terminal block protective covers allow the rapid identification of live circuits.

They are designed to be mounted on screw clamp terminal blocks only, and avoid the access to the screw clamp.

1SNK161029S0201 - Rev. A

SNK series, terminal blocks
A complete set of accessories compatible with screw clamp and PI-Spring screwless technologies

Plugs

PG5 component plugs ease the component installation (resistors or diodes) with a quick plug-in mounting system which avoids any soldering.
PG5-R2 plugs fit into the terminal block's jumper channel for component insertion (resistors, diodes, etc.) between two terminal blocks.

Coding pegs

Ensure that the correct plug is inserted on the matting pluggable terminal block ZDP thanks to this coding accessory.

Locking devices

Installed between two pluggable terminal blocks, this locking device will allow you to lock the plugs C2.5-ZDP assembly, avoid unintentional disconnections and makes the connection resistant to vibrations.

Cable clamps

The PT ensures strain relief function and helps grouping all the wires together on test connectors TC5 and plugs C2.5. To be used with cable tie.

SNK series, terminal blocks
Marking solutions

Blank marker cards

For industrial use

Identify your terminal blocks with blank marker cards MC printable with ABB marking systems.

Self adhesive strips

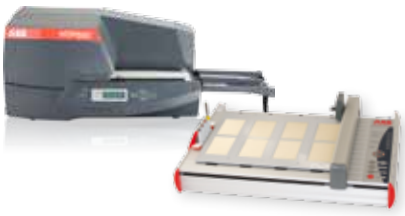
For moderate use

Identify your terminal blocks with self adhesive strips SAT printable on all desktop printers.

Universal marker holders

For moderate use

Identify your terminal blocks with universal marker holders UMH compatible with most of the wire markers available on the market.



Marking systems

For industrial use

ABB automatic printing solutions:
– AMS 500 plotter
– HTP500 thermal transfer printer.

1SNK161029S0201 - Rev. A

PB-4

SNK series, terminal blocks
Screw clamp technology

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Feed-through			
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	ZS4-D1	1 feed-through circuit	32
6 mm² / *10 AWG*	**ZS6-D2**	2 feed-through circuits	33
	ZS6-D1	1 feed-through circuit	34
	ZS6-D2-PE	1 feed-through circuit and 1 ground circuit	35
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4 mm² / *10 AWG*	**ZS4-S**		37
	ZS4-S-T2 & ZS4-S-T2.3	With test	38
	ZS4-S-R1		39
	ZS4-S-T2-R1 & ZS4-S-T2.3-R1	With test	40
6 mm² / *10 AWG*	**ZS6-S**		41
10 mm² / *6 AWG*	**ZS10-S**		42
Test disconnect with sliding link			
10 mm² / *6 AWG*	**ZS10-ST**		43
Disconnect with plug			
4 mm² / *10 AWG*	**ZS4-SP**		44
	ZS4-SP-T2	With test	45
	ZS4-SP-R1		46
	ZS4-SP-T2-R1	With test	47
10 mm² / *6 AWG*	**ZS10-SP**		48
For 5 x 20 mm fuses *(0.197 x 0.787 in)*			
4 mm² / *10 AWG*	**ZS4-SF**		49
	ZS4-SF-T2	With test	50
	ZS4-SF-R1 & ZS4-SF-R3	With fuse indicator	51
	ZS4-SF-R2 & ZS4-SF-R4	With test and fuse indicator	52
	ZS4-S-R2	Disconnect	53
For 5 x 20 and 5 x 25 mm fuses *(0.197 x 0.787 in and 0.197 x 0.984 in)*			
4 mm² / *10 AWG*	**ZS4-SF1**		54
	ZS4-SF1-T2	With test	55
	ZS4-SF1-R1 & ZS4-SF1-R3	With fuse indicator	56
	ZS4-SF1-R2 & ZS4-SF1-R4	With test and fuse indicator	57
	ZS4-R1	Feed-through	58
	ZS4-S-R3	Disconnect	59
For 6.3 x 32 mm fuses *(¼ x 1¼ in)*			
10 mm² / *6 AWG*	**ZS10-SF**		60
	ZS10-SF-R1 & ZS10-SF-R3	With fuse indicator	61
	ZS10-S-R2	Disconnect	62
Test & measurement			
Overview			64
10 mm² / *6 AWG*	**ZS10-ST**		68
	ZS10-ST-1	With test	69
	ZS10-ST-T4	With insulated test sockets	70
	ZS10-R1	Feed-though	71
	ZS10-PE-R1	Ground	72

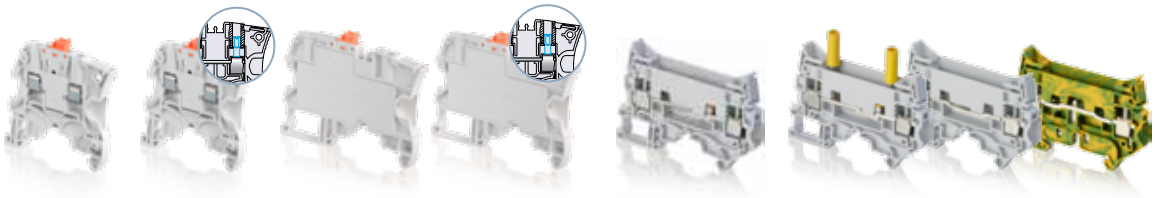
1SNK161031S0201 - Rev. A

SNK series, terminal blocks
Screw clamp technology

Feed-through

Ground

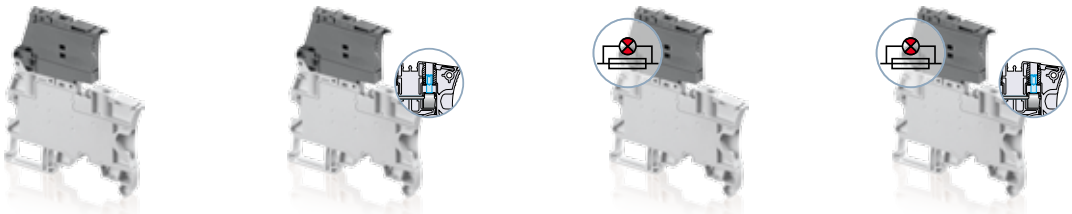
Section						
IEC	*UL/CSA*					
4 mm²	*12 AWG*	ZS4		ZS4-PE		
6 mm²	*10 AWG*	ZS6		ZS6-PE		
10 mm²	*6 AWG*	ZS10		ZS10-PE		
16 mm²	*4 AWG*	ZS16		ZS16-PE		
35 mm²	*0 AWG*		ZS35			
35 mm²	*2 AWG*				ZS35-PE	ZS35-PEN
70 mm²	*00 AWG*		ZS70		ZS70-PE	
95 mm²	*0000 AWG*		ZS95		ZS95-PE	



Disconnect with blade

New 2013 Test & measurement

Section									
IEC	*UL/CSA*					Test disconnect with sliding link		Feed-through	Ground
4 mm²	*10 AWG*	ZS4-S	ZS4-S-T2	ZS4-S-R1	ZS4-S-T2-R1				
			ZS4-S-T2.3		ZS4-S-T2.3-R1				
6 mm²	*10 AWG*	ZS6-S							
10 mm²	*6 AWG*					ZS10-ST	ZS10-ST-T4	ZS10-R1	ZS10-PE-R1
							ZS10-ST-1		
10 mm²	*6 AWG*	ZS10-S							



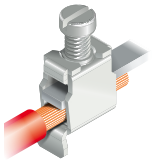
For 5 x 20 mm fuses *(0.197" x 0.787")*

New 2013 For 6.3 x 32 mm fuses *(¼" x 1¼")*

Section					
IEC	*UL/CSA*				
4 mm²	*10 AWG*	ZS4-SF	ZS4-SF-T2	ZS4-SF-R1	ZS4-SF-R2
				ZS4-SF-R3	ZS4-SF-R4
10 mm²	*6 AWG*	ZS10-SF		ZS10-SF-R1	
				ZS10-SF-R3	

All the technical data for UL/CSA standard and dimensions in inches are in italic.

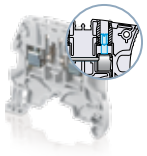
1SNK161032S0201 - Rev. A

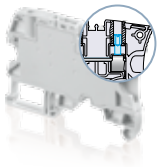


Double deck - feed-through

Double deck with ground circuit

ZS4-D2	ZS4-D1		
ZS6-D2	ZS6-D1	ZS6-D2-PE	ZS6-D1-PE

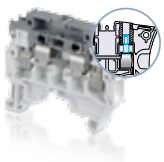


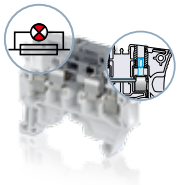


Disconnect with plug

Disconnect with level

ZS4-SP	ZS4-SP-T2	ZS4-SP-R1	ZS4-SP-T2-R1	ZS4-S-R2	ZS4-S-R3
ZS10-SP				ZS10-S-R2	





For 5 x 20 mm and 5 x 25 mm fuses *(0.197" x .787" and 0.197" x 0.984")*

Feed-through

ZS4-SF1	ZS4-SF1-T2	ZS4-SF1-R1	ZS4-SF1-R2	ZS4-R1
		ZS4-SF1-R3	ZS4-SF1-R4	

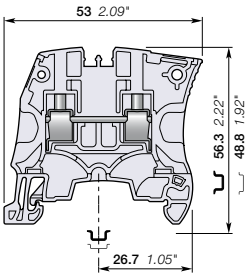
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161032S0201 - Rev. A

ZS4 screw clamp terminal blocks
Feed-through - 5.2 mm *0.205 in* spacing

4 mm²
12 AWG

ZS4



5.2 mm *0.205 in* spacing

Description

Save space by connecting conductors up to 4 mm² (CB certified) *12 AWG* in just 5.2 mm *0.205 in* spacing.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS4	1SNK505010R0000	50	8.77
	Blue	ZS4-BL	1SNK505020R0000	50	8.77
	Orange	ZS4-OR	1SNK505030R0000	50	8.77
	Yellow	ZS4-YL	1SNK505060R0000	50	8.77
	Green	ZS4-GN	1SNK505061R0000	50	8.77
	Red	ZS4-RD	1SNK505062R0000	50	8.77
	Purple	ZS4-PR	1SNK505063R0000	50	8.77
	Brown	ZS4-BR	1SNK505064R0000	50	8.77
	White	ZS4-WH	1SNK505065R0000	50	8.77
	Black	ZS4-BK	1SNK505066R0000	50	8.77

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		32 A / 4 mm²	*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*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, 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.
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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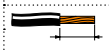
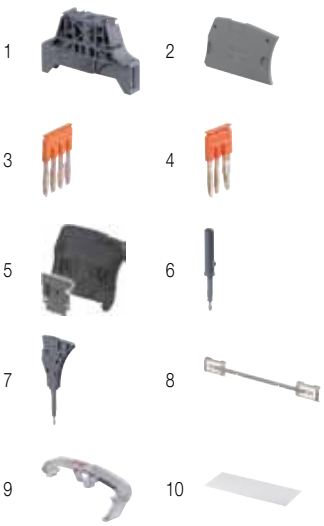
Mounting instructions

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 N.m ± 0.1 *5.31 lb.in ± 0.885*



Accessories

	Description				Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000	50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000	20	2.18
3	**Jumper bars**	2 poles	32 A	*30 A*	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	36.10
4	**Cross spacing jumpers**	8 mm *0.315 in* to 5.2 mm *0.205 in* spacing			Orange	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000	20	0.20
		3 mm	*0.118 in*			CS-R1	1SNK900103R0000	20	5.20
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000	20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000	10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000	10	5.23
8	**Shield connectors**					SHBS	1SNK900600R0000	20	3.50
9	**Protecting covers**	5.2 mm *0.205 in* spacing			Transparent	PL5	1SNK900618R0000	10	1.50
10	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000	22	9.00
						MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000	10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000	5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground screw clamp terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS4	Green-yellow	ZS4-PE	1SNK505150R0000	20	12.10

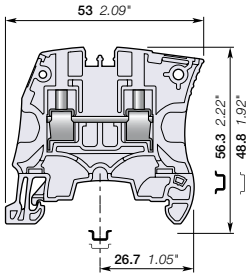
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161001S0201 - Rev. B

ZS6 screw clamp terminal blocks
Feed-through - 6 mm *0.236 in* spacing

6 mm²
10 AWG

ZS6



6 mm *0.236 in* spacing

Description

Save space by connecting conductors up to 6 mm² (CB certified) *10 AWG* in just 6 mm *0.236 in* spacing.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS6	1SNK506010R0000	50	10.64
	Blue	ZS6-BL	1SNK506020R0000	50	10.64
	Orange	ZS6-OR	1SNK506030R0000	50	10.64
	Yellow	ZS6-YL	1SNK506060R0000	50	10.64
	Green	ZS6-GN	1SNK506061R0000	50	10.64
	Red	ZS6-RD	1SNK506062R0000	50	10.64
	Purple	ZS6-PR	1SNK506063R0000	50	10.64
	Brown	ZS6-BR	1SNK506064R0000	50	10.64
	White	ZS6-WH	1SNK506065R0000	50	10.64
	Black	ZS6-BK	1SNK506066R0000	50	10.64

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.2-6 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*24-14 AWG*
	Flexible	0.2-2.5 mm²	
	with twin ferrule	0.22-2.5 mm²	*24-14 AWG*
Rated current / Rated cross section		41 A / 6 mm²	*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*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, 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.
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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Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

Accessories

	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*		Dark grey	BAM3	1SNK900001R0000	50	13.80
2	**End sections**	2.2 mm *0.087 in*		Dark grey	ES4	1SNK505910R0000	20	2.18
3	**Jumper bars**	2 poles	41 A *30 A*	Orange	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**	0 mm *0 in*		Dark grey	CS	1SNK900101R0000	20	0.20
		3 mm *0.118 in*			CS-R1	1SNK900103R0000	20	5.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm *0.160 in*			TP4	1SNK900205R0000	20	2.41
6	**Test connectors**	End module, 5.2 mm *0.205 in*		Dark grey	TC5-R1	1SNK900201R0000	10	5.23
7	**Spacers**	0.8 mm *0.031 in* spacing		Dark grey	ES-TC6	1SNK900105R0000	10	0.80
8	**Shield connectors**				SHBS	1SNK900600R0000	20	3.50
9	**Protecting covers**	6 mm *0.236 in* spacing		Transparent	PL6	1SNK900619R0000	10	1.84
10	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000	22	10.00
					MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000	10	0.20
		Self adhesive strip		White	SAT6	1SNK900615R0000	5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground screw clamp terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS6	Green-yellow	ZS6-PE	1SNK506150R0000	20	13.70

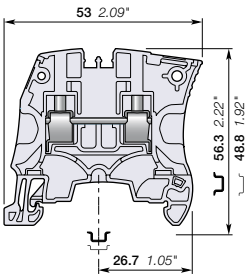
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS10 screw clamp terminal blocks
Feed-through - 8 mm *0.315 in* spacing

10 mm²
6 AWG

1SNK161008F0014

ZS10



8 mm *0.315 in* spacing

Description

Save space by connecting conductors up to 10 mm² (CB certified) *6 AWG* in just 8 mm *0.315 in* spacing.

Ordering details

Description	Color	Type	Order code	Pkg pce	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

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
Rated current / Rated cross section		57 A / 10 mm²	*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*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.472 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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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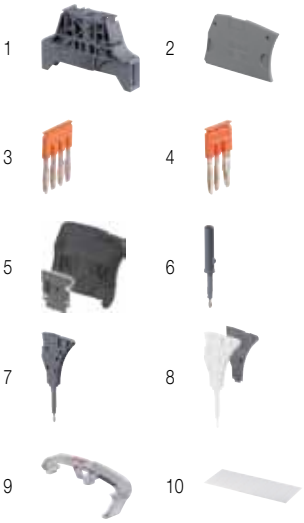
Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000	50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000	20	2.18
3	**Jumper bars**	2 poles	57 A *42 A*	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
4	**Cross spacing jumpers**	8 mm *0.315 in* to 5.2 mm *0.205 in* spacing		Orange	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	0 mm	*0 in*	Dark grey	CS	1SNK900101R0000	20	0.20
		3 mm	*0.118 in*		CS-R1	1SNK900103R0000	20	5.20
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm *0.160 in*			TP4	1SNK900205R0000	20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000	10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000	10	5.23
8	**Spacers**	2.8 mm *0.110 in* spacing		Dark grey	ES-TC8	1SNK900104R0000	10	1.35
9	**Protecting covers**	8 mm *0.315 in* spacing		Transparent	PL8	1SNK900620R0000	10	2.55
10	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000	22	10.00
					MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000	10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000	5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground screw clamp terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS10	Green-yellow	ZS10-PE	1SNK508150R0000	20	22.50

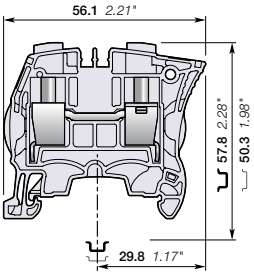
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161004S0201 - Rev. B

ZS16 screw clamp terminal blocks
Feed-through - 10 mm *0.394 in* spacing

16 mm²
4 AWG

ZS16



10 mm *0.394 in* spacing

Description

Save space by connecting conductors up to 16 mm² (CB certified) *4 AWG* in just 10 mm *0.394 in* spacing.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through		Grey	ZS16	1SNK510010R0000		25	20.20
		Blue	ZS16-BL	1SNK510020R0000		25	20.20
		Orange	ZS16-OR	1SNK510030R0000		25	20.20

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²	*24-4 AWG*
	Flexible	0.5-16 mm²	
	with non insulated ferrule	0.5-16 mm²	*24-4 AWG*
	with insulated ferrule	0.5-10 mm²	*24-8 AWG*
	Gauge	A6-B6	
2 conductors per clamp	Rigid - Solid / Stranded	0.5-6 mm²	*20-10 AWG*
	Flexible	0.5-6 mm²	
	with twin ferrule	0.5-6 mm²	*20-10 AWG*
Rated current / Rated cross section		76 A / 16 mm²	*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*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		13.5 mm *0.531 in*
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		1.8 N.m ± 0.2 *15.93 lb.in ± 1.77*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Jumper bars**	2 poles	76 A	*67 A*	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
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
		3 mm	*0.118 in*			CS-R1	1SNK900103R0000		20	5.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Protecting covers**	10 mm *0.394 in* spacing			Transparent	PL10	1SNK900621R0000		10	3.13
7	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS16	Green-yellow	ZS16-PE	1SNK510150R0000		20	32.00

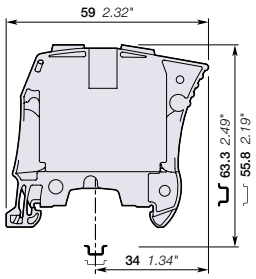
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161017S0201 - Rev. B

ZS35 screw clamp terminal blocks
Feed-through - 16 mm *0.630 in* spacing

35 mm²
0 AWG

ZS35



16 mm *0.630 in* spacing

Description

Closed terminal block:
- No end section needed,
- Optimized rigidity.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Closed block	Grey	ZS35	1SNK516010R0000		20	53.40
		Blue	ZS35-BL	1SNK516020R0000		20	53.40
		Orange	ZS35-OR	1SNK516030R0000		20	53.40

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	6-35 mm²	*10-0 AWG*
	Flexible	6-35 mm²	
	with non insulated ferrule	6-35 mm²	*10-2 AWG*
	with insulated ferrule	6-35 mm²	*10-2 AWG*
	Gauge	A9-B9	
2 conductors per clamp	Rigid - Solid / Stranded	6-16 mm²	*10-6 AWG*
	Flexible	6-16 mm²	
	with twin ferrule	6-10 mm²	*10-8 AWG*
Rated current / Rated cross section		125 A / 35 mm²	*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		IP20	*NEMA 1*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, 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.
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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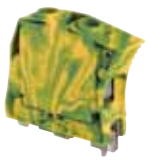
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		17 mm *0.669 in*
Tool		Flat screwdriver Ø 6.5 mm Ø *0.256 in*
Torque		2.9 N.m ± 0.1 *25.7 lb.in ± 0.885*

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	2 poles	125 A	*150 A*	Orange	JB16-2	1SNK916302R0000		10	10.20
		3 poles				JB16-3	1SNK916303R0000		10	16.00
		4 poles				JB16-4	1SNK916304R0000		10	21.80
		5 poles				JB16-5	1SNK916305R0000		10	27.60
		10 poles				JB16-10	1SNK916310R0000		10	56.60
3	**Circuit separators**	3 mm *0.118 in* spacing			Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Protecting covers**	16 mm *0.630 in* spacing			Transparent	PL16	1SNK900622R0000		10	4.60
5	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



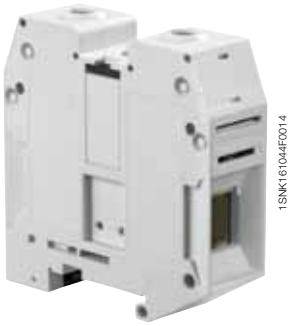
Ground screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS35	Green-yellow	ZS35-PE	1SNK516150R0000		20	81.80

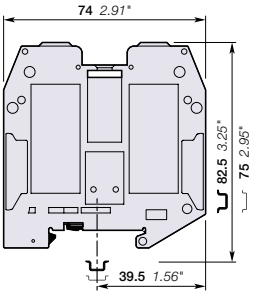
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161019S0201 - Rev. B

ZS70 screw clamp terminal blocks
Feed-through - 22 mm *0.866 in* spacing



ZS70



22 mm *0.866 in* spacing

Description

Closed terminal block:
- No end section needed,
- Optimized rigidity.

Ordering details

Description		Color	Type	Order code		Pkg pce	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

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	16-95 mm²	*4-00 AWG*
	Flexible	16-70 mm²	
	with non insulated ferrule	16-50 mm²	
	with insulated ferrule	16-50 mm²	
	Gauge	B11	
2 conductors per clamp	Rigid - Solid / Stranded	16-35 mm²	*4-2 AWG*
	Flexible	16-35 mm²	
	with twin ferrule	16 mm²	*6 AWG*
Rated current / Rated cross section		192 A / 70 mm²	*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	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, 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.
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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Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		25 mm *0.984 in*
Tool		Allen key Ø 6 mm *Ø 0.236 in*
Torque		6.5 N.m ± 0.5 *57.5 lb.in ± 4.4*

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	2 poles	192 A	*175 A*		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
3	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS70	Green-yellow	ZS70-PE	1SNK522150R0000		10	222.00

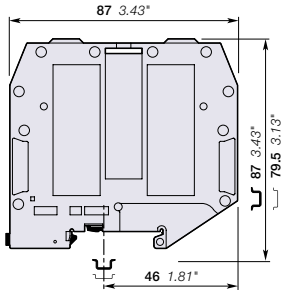
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161021S0201 - Rev. B

ZS95 screw clamp terminal blocks
Feed-through - 26 mm *1.02 in* spacing

95 mm²
0000 AWG

ZS95



26 mm *1.02 in* spacing

Description

Closed terminal block:
– No end section needed,
– Optimized rigidity.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Closed block	Grey	ZS95	1SNK526010R0000		10	215.10
		Blue	ZS95-BL	1SNK526020R0000		10	215.10
		Yellow	ZS95-YL	1SNK526060R0000		10	215.10

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	35-120 mm²	*2-0000 AWG*
	Flexible	35-95 mm²	
	with non insulated ferrule	35-50 mm²	
	with insulated ferrule	35-50 mm²	
	Gauge	B12	
2 conductors per clamp	Rigid - Solid / Stranded	25-35 mm²	*4-2 AWG*
	Flexible	25-35 mm²	
	with twin ferrule	16 mm²	*6 AWG*
Rated current / Rated cross section		232 A / 95 mm²	*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	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*
Rated voltage Ex e		630 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V UL 60079-7 - Class I, Zone I, 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.
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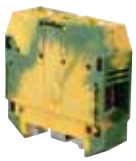
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		26 mm *1.023 in*
Tool		Allen key Ø 6 mm *Ø 0.236 in*
Torque		9.25 N.m ± 0.25 *81.7 lb.in ± 2.2*

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	2 poles	232 A	*230 A*		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
3	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



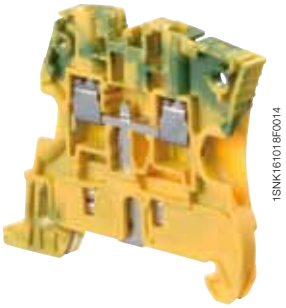
Ground screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS95	Green-yellow	ZS95-PE	1SNK526150R0000		10	278.00

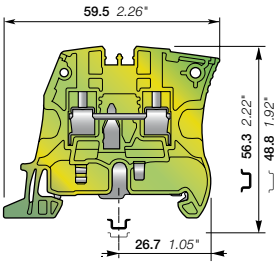
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161023S0201 - Rev. B

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	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	ZS4-PE	1SNK505150R0000		20	12.10

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
Rated cross section		4 mm²	*12 AWG*
Rated short-time withstand current (1s)		480 A	*396 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIC — *Class I, Zone I, AEx e II*	

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 N.m ± 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.
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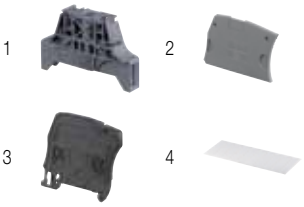
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

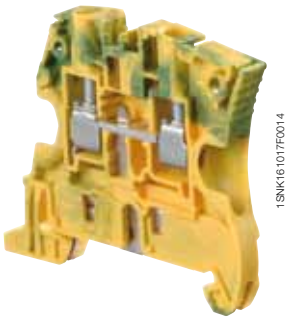
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

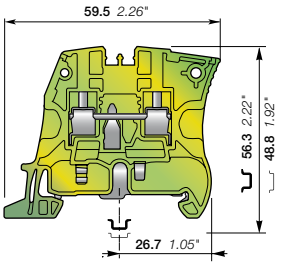
1SNK161002S0201 - Rev. B

ZS6-PE screw clamp terminal blocks
Ground - 6 mm *0.236 in* spacing

6 mm²
10 AWG



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	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	ZS6-PE	1SNK506150R0000		20	13.70

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.2-6 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
Rated cross section		6 mm²	*10 AWG*
Rated short-time withstand current (1s)		720 A	*636 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC *— Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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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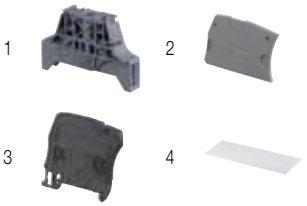
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000		22	10.00
					MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT6	1SNK900615R0000		5	6.00

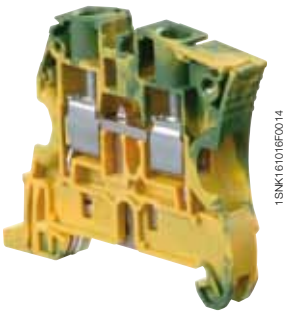
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

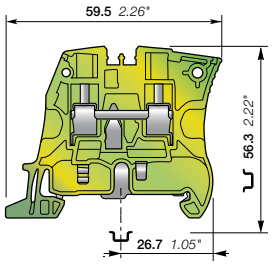
1SNK161015S0201 - Rev. B

ZS10-PE screw clamp terminal blocks
Ground - 8 mm *0.315 in* spacing

	10 mm²
	6 AWG



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,
- PE.N function available by combining ZS10-PE with ZS10-BL and 2 poles jumper bar JB8-2.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-8 AWG*
	Gauge	A5-B5	
Rated cross section		10 mm²	*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/II/IIIC *— Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-15
Wire stripping length		12 mm *0.472 in*
Tool		Flat screwdriver Ø 4 mm Ø *0.157 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Jumper bars**	2 poles	57 A	*42 A*	Orange	JB8-2	1SNK908302R0000		50	2.70
4	**Circuit separators**	3 mm	*0.118 in*		Dark grey	CS-R1	1SNK900103R0000		20	5.20
5	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

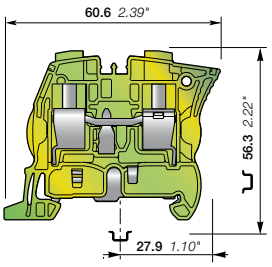
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161016S0201 - Rev. B

ZS16-PE screw clamp terminal blocks
Ground - 10 mm *0.394 in* spacing

2

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	Order code		Pkg pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	ZS16-PE	1SNK510150R0000		20	32.00

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-16 mm²	*24-4 AWG*
	Flexible	0.5-16 mm²	
	with non insulated ferrule	0.5-16 mm²	*24-4 AWG*
	with insulated ferrule	0.5-10 mm²	*24-8 AWG*
	Gauge	A6-B6	
Rated cross section		16 mm²	*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/II/IIIC — *Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-15
Wire stripping length		13.5 mm *0.531 in*
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		1.8 N.m ± 0.2 *15.93 lb.in ± 1.77*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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

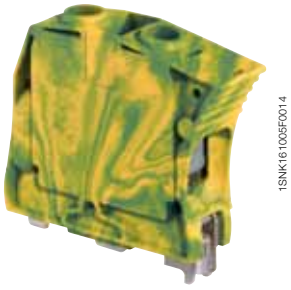
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Jumper bars**	2 poles	76 A	*67 A*	Orange	JB10-2	1SNK910302R0000		50	4.60
4	**Circuit separators**	3 mm	*0.118 in*		Dark grey	CS-R1	1SNK900103R0000		20	5.20
5	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

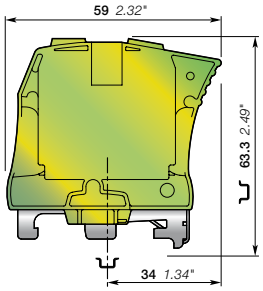
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161018S0201 - Rev. B

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	Order code		Pkg pce	Weight (1 pce) g
Ground	Screw rail connection	Green-yellow	ZS35-PE	1SNK516150R0000		20	81.80

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	6-35 mm²	*10-2 AWG*
	Flexible	6-35 mm²	
	with non insulated ferrule	6-35 mm²	*10-2 AWG*
	with insulated ferrule	6-35 mm²	*10-2 AWG*
	Gauge	A9	
Rated cross section		35 mm²	*2 AWG*
Rated short-time withstand current (1s)		4200 A	*4032 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC — *Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-15
Wire stripping length		17 mm *0.669 in*
Tool Screw clamp		Flat screwdriver Ø 6.5 mm *Ø 0.256 in*
Rail connection screw		Ø 5.5 mm *Ø 0.217 in*
Torque Screw clamp		2.65 N.m ± *0.15* *23.45 lb.in ± 1.33*
Rail connection screw		1.6 N.m ± 0.15 *14.2 lb.in ± 1.33*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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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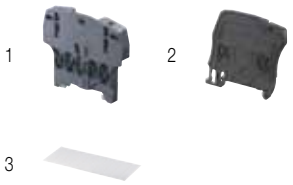
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

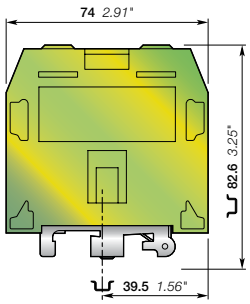
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS70-PE screw clamp terminal blocks
Ground - 22 mm *0.866 in* spacing

	70 mm²
	00 AWG

ZS70-PE



22 mm *0.866 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	Order code		Pkg pce	Weight (1 pce) g
Ground	Screw rail connection	Green-yellow	ZS70-PE	1SNK522150R0000		10	222.00

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	16-95 mm²	*4-00 AWG*
	Flexible	16-70 mm²	
	with non insulated ferrule	16-50 mm²	
	with insulated ferrule	16-50 mm²	
	Gauge	B11	
Rated cross section		70 mm²	
Rated short-time withstand current (1s)		8400 A	*8088 A*
Protection		IP10	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC — *Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-15
Wire stripping length		25 mm *0.984 in*
Tool Screw clamp		Allen key Ø 6 mm *Ø 0.236 in*
Rail connection screw		Ø 4 mm *Ø 0.158 in*
Torque Screw clamp		6.5 N.m ± *0.5* *57.5 lb.in ± 4.4*
Rail connection screw		2 N.m ± 0.5 *17.7 lb.in ± 4.4*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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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1

2

Accessories

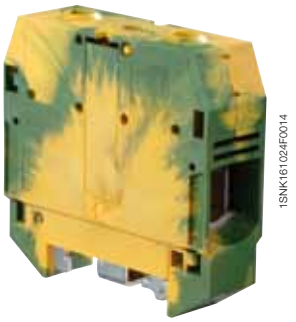
	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card	White	MC812	1SNK160000R0000		22	10.00
				MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip	White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

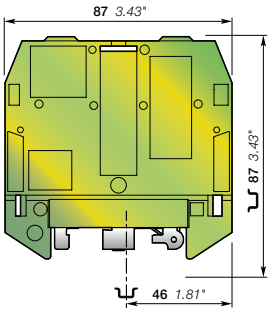
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161022S0201 - Rev. B

ZS95-PE screw clamp terminal blocks
Ground - 26 mm *1.02 in* spacing



ZS95-PE



26 mm *1.02 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	Order code		Pkg pce	Weight (1 pce) g
Ground	Screw rail connection	Green-yellow	ZS95-PE	1SNK526150R0000		10	278.00

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	35-120 mm²	*2-0000 AWG*
	Flexible	35-95 mm²	
	with non insulated ferrule	35-50 mm²	
	with insulated ferrule	35-50 mm²	
	Gauge	B12	
Rated cross section		95 mm²	
Rated short-time withstand current (1s)		11400 A	*12840 A*
Protection		IP10	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC — *Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-15
Wire stripping length		26 mm *1.023 in*
Tool Screw clamp		Allen key Ø 6 mm *Ø 0.236 in*
Rail connection screw		Ø 4 mm *Ø 0.158 in*
Torque Screw clamp		9.25 N.m ± *0.25* *81.7 lb.in ± 2.2*
Rail connection screw		2 N.m ± 0.25 *17.7 lb.in ± 2.2*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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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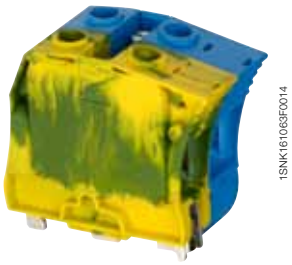
Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

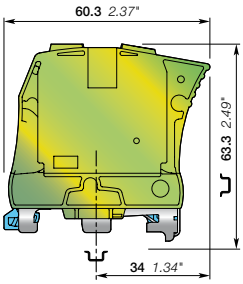
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS35-PEN screw clamp terminal blocks
Ground + neutral - 32 mm *1.26 in* spacing



ZS35-PEN



32 mm *1.26 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	Order code		Pkg pce	Weight (1 pce) g
Ground + neutral	Green-yellow	ZS35-PEN	1SNK516170R0000		10	236.00

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	6-35 mm²	
	Flexible	6-35 mm²	
	with non insulated ferrule	6-35 mm²	
	with insulated ferrule	6-35 mm²	
	Gauge	A9	
Rated cross section		35 mm²	
Rated short-time withstand current (1s)		4200 A	
Protection		IP10	*NEMA 1*
Explosive atmosphere classification		–	

Mounting instructions

Rail		TH 35-15
Wire stripping length		17 mm *0.669 in*
Tool Screw clamp		Flat screwdriver Ø 6.5 mm *Ø 0.256 in*
Rail connection screw		Ø 5.5 mm *Ø 0.217 in*
Torque Screw clamp		2.65 N.m ± *0.15* *23.5 lb.in ± 1.33*
Rail connection screw		1.6 N.m ± 0.15 *14.2 lb.in ± 1.33*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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 Gost R

Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card	White	MC812	1SNK160000R0000		22	10.00
				MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip	White	SAT8	1SNK900616R0000		5	6.00

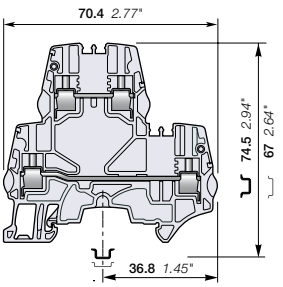
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161047S0201 - Rev. B

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	Order code		Pkg pce	Weight (1 pce) g
Double deck	2 feed-through circuits	Grey	ZS4-D2	1SNK505210R0000		50	15.25
		Blue	ZS4-D2-BL	1SNK505220R0000		50	15.25
		Orange	ZS4-D2-OR	1SNK505230R0000		50	15.25

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		29 A / 4 mm²	*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*
Rated voltage Ex e		400 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *300 V UL 60079-7 - Class I, Zone I, 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.
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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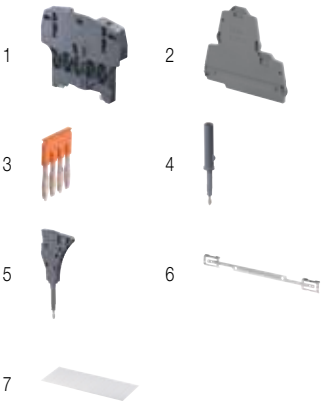
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	32 A	*30 A*	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
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Shield connectors**					SHB	1SNK900602R0000		20	4.90
7	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

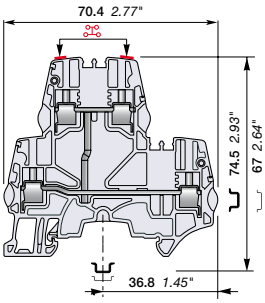
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
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

2

ZS4-D1



5.2 mm *0.205 in* spacing

Description

– Ease one potential distribution on 4 independent screw clamps,
– Save space by connecting conductors up to 4 mm² (CB certified) *12 AWG* in just 5.2 mm *0.205 in* spacing.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	1 feed-through circuit	Grey	ZS4-D1	1SNK505211R0000		50	15.25

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-12 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		29 A / 4 mm²	*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		8000 V	
Protection		IP20	*NEMA 1*
Rated voltage Ex e		400 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *300 V UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 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.
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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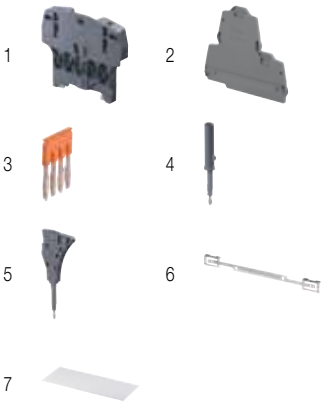


Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	32 A	*30 A*	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
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Shield connectors**					SHB	1SNK900602R0000		20	4.90
7	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

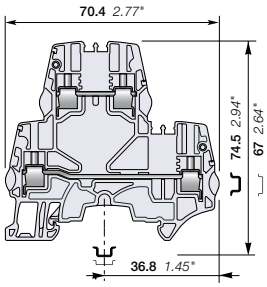
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161007S0201 - Rev. B

ZS6-D2 screw clamp terminal blocks
Double deck with 2 feed-through circuits - 6 mm *0.236 in* spacing

ZS6-D2



6 mm *0.236 in* spacing

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.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	2 feed-through circuits	Grey	ZS6-D2	1SNK506210R0000		50	18.41
		Blue	ZS6-D2-BL	1SNK506220R0000		50	18.41
		Orange	ZS6-D2-OR	1SNK506230R0000		50	18.41

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.2-6 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*24-14 AWG*
	Flexible	0.2-2.5 mm²	
	with twin ferrule	0.22-2.5 mm²	*24-14 AWG*
Rated current / Rated cross section		40 A / 6 mm²	*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*
Rated voltage Ex e		400 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *300 V UL 60079-7 - Class I, Zone I, AEx e II*	

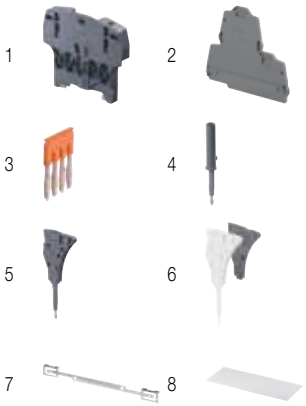
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE CB RoHS USR CNR CSA Gost R ATEX IECEx BR-Ex e II Haz Loc BV DNV Rina

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	41 A	*30 A*	Orange	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**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
6	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
7	**Shield connectors**					SHB	1SNK900602R0000		20	4.90
8	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

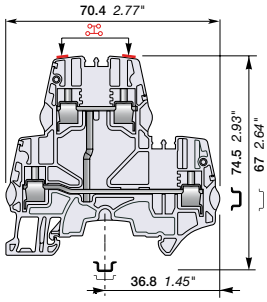
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
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

6 mm²
10 AWG

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 mm² *10 AWG* in just 6 mm *0.236 in* spacing.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	1 feed-through circuit	Grey ☐	ZS6-D1	1SNK506211R0000		50	18.41

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.2-6 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*24-14 AWG*
	Flexible	0.2-2.5 mm²	
	with twin ferrule	0.22-2.5 mm²	*24-14 AWG*
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 10 AWG*
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*
Rated voltage Ex e		400 V IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *300 V UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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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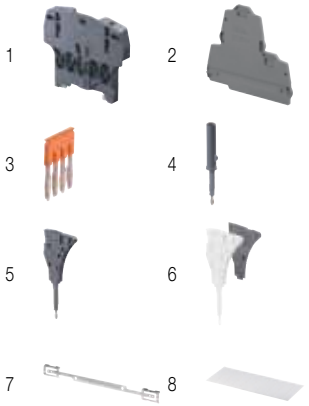
Accessories



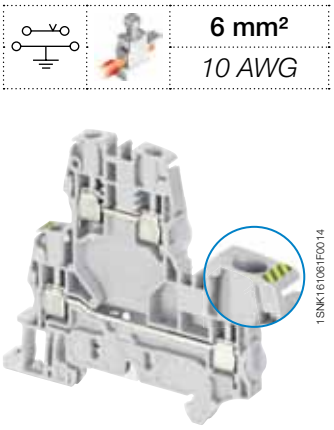
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey ■	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey ■	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	41 A	*30 A*	Orange ■	JB6-2	1SNK906302R0000		50	1.30
		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**	For test plugs DIA 2 mm *0.079 in*			Dark grey ■	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey ■	TC5-R1	1SNK900201R0000		10	5.23
6	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey ■	ES-TC6	1SNK900105R0000		10	0.80
7	**Shield connectors**					SHB	1SNK900602R0000		20	4.90
8	**Terminal block markers**	Blank card			White ☐	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White ☐	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

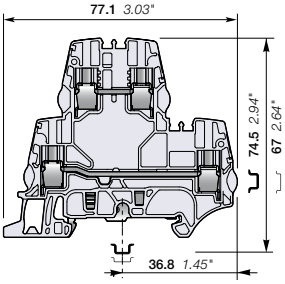
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161013S0201 - Rev. B

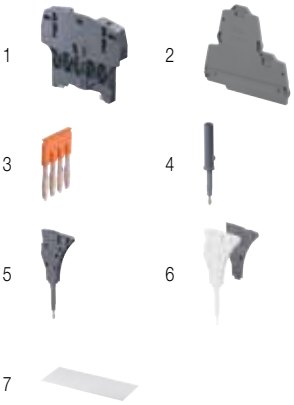
ZS6-D2-PE screw clamp terminal blocks
Double deck with 1 feed-through circuit and 1 ground circuit
6 mm *0.236 in* spacing

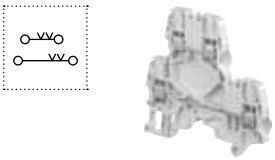


ZS6-D2-PE



6 mm *0.236 in* spacing





6 mm²
10 AWG

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	Order code		Pkg pce	Weight (1 pce) g
Double deck	1 feed-through circuit and 1 ground circuit	Grey	ZS6-D2-PE	1SNK506212R0000		50	18.41

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.22-6 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*24-14 AWG*
	Flexible	0.2-2.5 mm²	
	with twin ferrule	0.22-2.5 mm²	*24-14 AWG*
Rated current / Rated cross section		41 A / 6 mm²	*30 A / 10 AWG*
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*
Rated voltage Ex e			

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	41 A	*30 A*	Orange	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**	For test plugs DIA 4 mm *0.160 in*			Dark grey	TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
6	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
7	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Double deck screw clamp terminal blocks

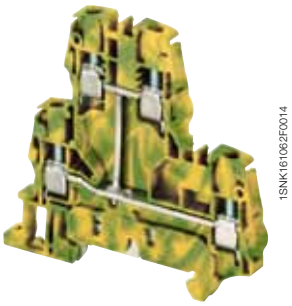
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	2 feed-through circuits	Grey	ZS6-D2	1SNK506210R0000		50	18.41

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

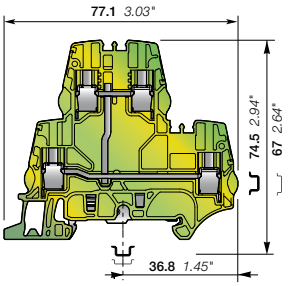
1SNK161048S0201 - Rev. B

ZS6-D1-PE screw clamp terminal blocks
Double deck with 1 ground circuit - 6 mm *0.236 in* spacing

2



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 dependent, secured snap on or remove from the rail, performances above the requirements of IEC 60947-7-2 standard.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	1 ground circuit	Green-yellow	ZS6-D1-PE	1SNK506250R0000		50	18.41

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.22-6 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
Rated cross section		6 mm²	*10 AWG*
Rated short-time withstand current (1s)		720 A	
Protection		IP20	*NEMA 1*
Explosive atmosphere classification			

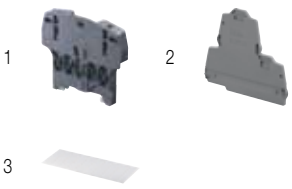
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10 mm *0.394 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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 CB RoHS USR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*	Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000		22	10.00
					MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT6	1SNK900615R0000		5	6.00

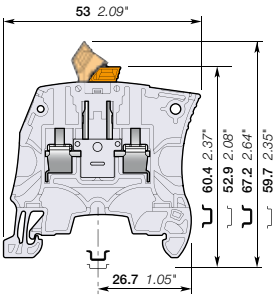
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161049S0201 - Rev. C

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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4	Grey	ZS4-S	1SNK505310R0000		50	8.60
		Blue	ZS4-S-BL	1SNK505320R0000		50	8.60
		Orange	ZS4-S-OR	1SNK505330R0000		50	8.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.2-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-10 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 10 AWG*
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

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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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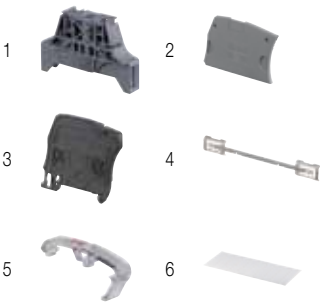
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Shield connectors**				SHBS	1SNK900600R0000		20	3.50
5	**Protecting covers**	5.2 mm *0.205 in* spacing		Transparent	PL5	1SNK900618R0000		10	1.50
6	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

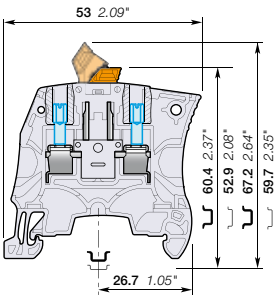
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161010S0201 - Rev. B

ZS4-S-T screw clamp terminal blocks
Disconnect with blade - with test socket screws
5.2 mm *0.205 in* spacing

2

ZS4-S-T



5.2 mm *0.205 in* spacing

Description

– Ease your test operations with the two built-in test socket screws,
– 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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4, with 2 test socket screws DIA 2 mm *0.079 in*	Grey	ZS4-S-T2	1SNK505311R0000		50	8.90
		Blue	ZS4-S-T2-BL	1SNK505321R0000		50	8.90
		Orange	ZS4-S-T2-OR	1SNK505331R0000		50	8.90
	Profile aligned with ZS4, with 2 test socket screws DIA 2.3 mm *0.091 in*	Grey	ZS4-S-T2.3	1SNK505312R0000		50	8.80

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-10 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 10 AWG*
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

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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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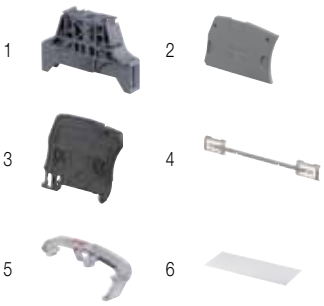
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Shield connectors**				SHBS	1SNK900600R0000		20	3.50
5	**Protecting covers**	5.2 mm *0.205 in* spacing		Transparent	PL5	1SNK900618R0000		10	1.50
6	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

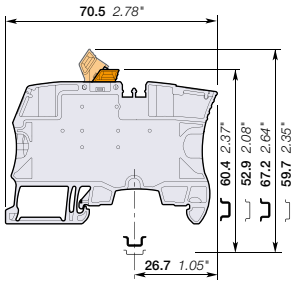
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161042S0201 - Rev. B

ZS4-S-R1 screw clamp terminal blocks
Disconnect with blade - 6 mm *0.236 in* spacing

	4 mm²
	10 AWG

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	Order code		Pkg pce	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

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		26 A / 4 mm²	*26 A / 10 AWG*
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

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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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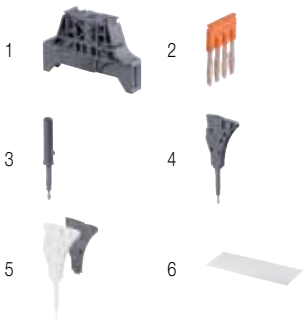
Accessories

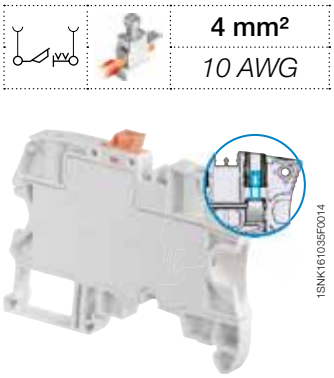


	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles 41 A *30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles		JB6-3	1SNK906303R0000		50	2.10
		4 poles		JB6-4	1SNK906304R0000		50	2.90
		5 poles		JB6-5	1SNK906305R0000		50	3.60
		10 poles		JB6-10	1SNK906310R0000		20	7.40
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*	Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*		TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	End module, 5.2 mm *0.205 in*	Dark grey	TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	0.8 mm *0.031 in* spacing	Dark grey	ES-TC6	1SNK900105R0000		10	0.80
6	**Terminal block markers**	Blank card	White	MC612	1SNK150000R0000		22	10.00
				MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip	White	SAT6	1SNK900615R0000		5	6.00

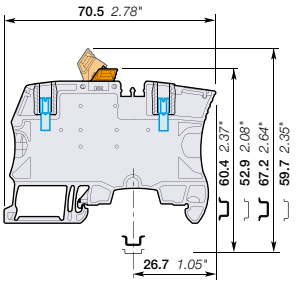
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS4-S-T-R1 screw clamp terminal blocks
Disconnect with blade - with test socket screws
6 mm *0.236 in* spacing



ZS4-S-T-R1



6 mm *0.236 in* spacing

4 mm²
10 AWG

Description

- Ease your test operations with the two built-in test socket screws,
- 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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4-SF, with 2 test socket screws 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
	Profile aligned with ZS4-SF, with 2 test socket screws DIA 2.3 mm *0.091 in*	Grey	ZS4-S-T2.3-R1	1SNK506312R0000		50	14.20

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		26 A / 4 mm²	*26 A / 10 AWG*
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

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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	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**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
4	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
5	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

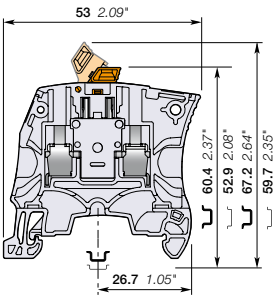
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161045S0201 - Rev. B

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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS6	Grey	ZS6-S	1SNK506315R0000		50	8.60
		Blue	ZS6-S-BL	1SNK506322R0000		50	8.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-6 mm²	*24-10 AWG*
	Flexible	0.22-6 mm²	
	with non insulated ferrule	0.22-6 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-2.5 mm²	*24-14 AWG*
	Flexible	0.22-2.5 mm²	
	with twin ferrule	0.22-2.5 mm²	*24-14 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 10 AWG*
Maximum current / Maximum cross section		30 A / 6 mm²	
Rated short-time withstand current (1s)		480 A	
Rated voltage		500 V	*150 V*
Impulse withstand voltage		6000 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 4 mm *Ø 0.157 in*
Torque		0.85 N.m ± 0.15 *7.52 lb.in ± 1.33*

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.
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	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Shield connectors**				SHBS	1SNK900600R0000		20	3.50
5	**Protecting covers**	6 mm *0.236 in* spacing		Transparent	PL6	1SNK900619R0000		10	1.84
6	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000		22	10.00
					MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through screw clamp terminal blocks

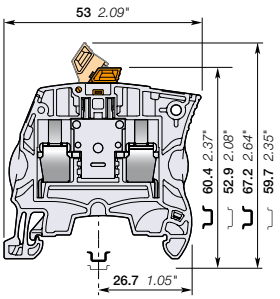
Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS6	1SNK506010R0000		50	10.64

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS10-S screw clamp terminal blocks
Disconnect with blade - 8 mm *0.315 in* spacing

	10 mm²
	6 AWG

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.

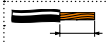
Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS10	Grey	ZS10-S	1SNK508315R0000		50	8.60
		Blue	ZS10-S-BL	1SNK508320R0000		50	8.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-10 mm²	*24-6 AWG*
	Flexible	0.22-10 mm²	
	with non insulated ferrule	0.22-10 mm²	*24-12 AWG*
	with insulated ferrule	0.22-6 mm²	*24-12 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 6 AWG*
Maximum current / Maximum cross section		42 A / 10 mm²	
Rated short-time withstand current (1s)		480 A	
Rated voltage		630 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.472 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		1.3 N.m ± 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 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.
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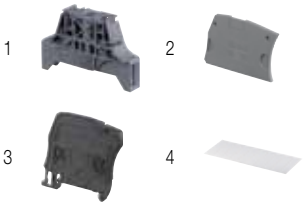
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through screw clamp terminal blocks

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS10	1SNK508010R0000		50	14.10

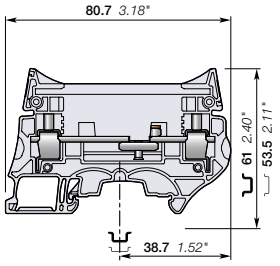
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161050S0201 - Rev. B

ZS10-ST screw clamp terminal blocks
Test disconnect with sliding link - 8 mm *0.315 in* spacing

10 mm²
6 AWG

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	Order code	Pkg pce	Weight (1 pce) g
Disconnect	Grey	ZS10-ST	1SNK508310R0000	25	24.80

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	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	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*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 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		13 mm *0.512 in*
Screw clamp Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 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.
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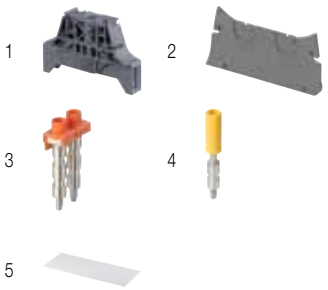
Accessories



	Description				Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000	50	13.80
2	**End sections**	2 mm	*0.079 in*		Dark grey	ES10-ST	1SNK508910R0000	20	3.52
3	**Jumper bars**	2 poles	50 A	*51 A*	Orange	JB8-2-R1	1SNK908902R0000	10	7.60
		3 poles				JB8-3-R1	1SNK908903R0000	10	11.60
		4 poles				JB8-4-R1	1SNK908904R0000	10	15.50
		5 poles				JB8-5-R1	1SNK908905R0000	10	19.40
		10 poles				JB8-10-R1	1SNK908910R0000	10	39.00
4	**Test sockets**	DIA 4 mm *0.157 in* IP20			Yellow	AJS9	1SNA179726R0200	25	5.00
					Black	AJS9-1	1SNA206680R1500	25	3.60
					Green	AJS9-2	1SNA206681R0200	25	3.60
					Grey	AJS9-3	1SNA206682R0300	25	3.60
					Blue	AJS9-4	1SNA206683R0400	25	3.60
					Red	AJS9-5	1SNA206720R1400	25	3.60
		DIA 4 mm *0.157 in*				AL4-M3	1SNA206721R0100	50	1.10
5	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000	22	10.00
		Pre-printed marker card				MC812PA	1SNK160011R0000	1	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000	10	0.20
		Self adhesive strip			White	SAT8	1SNK900616R0000	5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS10-R1

ZS10-PE-R1

Screw clamp terminal blocks

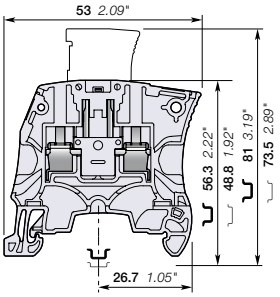
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey	ZS10-R1	1SNK508011R0000	25	20.90
Ground	Profile aligned with ZS10-ST...	Green-Yellow	ZS10-PE-R1	1SNK508151R0000	25	28.40

All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS4-SP screw clamp terminal blocks
Disconnect with plug - 5.2 mm *0.205 in* spacing

	4 mm² *10 AWG*

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.

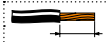
Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4, plug delivered separately	Grey	ZS4-SP	1SNK505313R0000		50	8.20

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-10 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 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*

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 N.m ± 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.
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 USR CNR CSA Gost R

Accessories

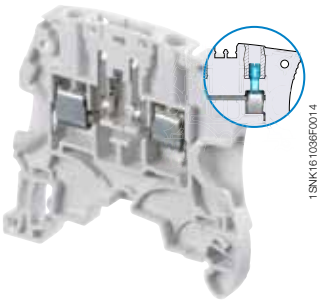
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Shield connectors**				SHBS	1SNK900600R0000		20	3.50
4	**Component plugs**	Components in series with circuit		Dark grey	PG5	1SNK900401R0000		20	3.45
5	**Disconnect plugs**	Equipped with linking bar		Orange	PG5-R1	1SNK900402R0000		20	3.45
6	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

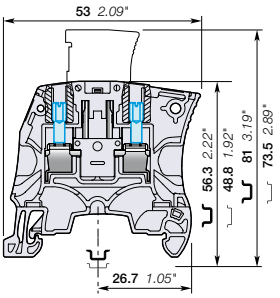
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161033S0201 - Rev. B

ZS4-SP-T2 screw clamp terminal blocks
Disconnect with plug - with test socket screws
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 socket screws 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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4, with 2 test socket screws DIA 2 mm *0.079 in*, plug delivered separately	Grey	ZS4-SP-T2	1SNK505314R0000		50	8.40

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-10 AWG*
	with insulated ferrule	0.22-2.5 mm²	*24-14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 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*

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 N.m ± 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.
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 USR CNR CSA Gost R

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Shield connectors**				SHBS	1SNK900600R0000		20	3.50
4	**Component plugs**	Components in series with circuit		Dark grey	PG5	1SNK900401R0000		20	3.45
5	**Disconnect plugs**	Equipped with linking bar		Orange	PG5-R1	1SNK900402R0000		20	3.45
6	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

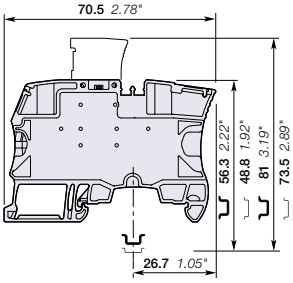
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS4-SP-R1 screw clamp terminal blocks
Disconnect with plug - 6 mm *0.236 in* spacing

4 mm²
10 AWG

ZS4-SP-R1



6 mm *0.236 in* spacing

Description

– Simplify the alternated distribution between feed-through and disconnect circuits thanks to the two aligned jumper channels,
– Save time with our screwless component holder plug.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4-SF, plug delivered separately	Grey	ZS4-SP-R1	1SNK506313R0000		50	14.20

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*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*

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 N.m ± 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.
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 USR CNR CSA Gost R

Accessories

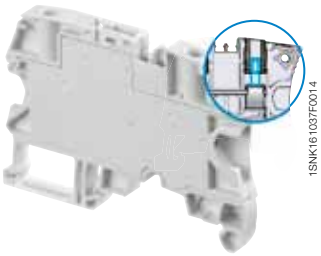
	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles 41 A *30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles		JB6-3	1SNK906303R0000		50	2.10
		4 poles		JB6-4	1SNK906304R0000		50	2.90
		5 poles		JB6-5	1SNK906305R0000		50	3.60
		10 poles		JB6-10	1SNK906310R0000		20	7.40
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*	Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*		TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	End module, 5.2 mm *0.205 in*	Dark grey	TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	0.8 mm *0.031 in* spacing	Dark grey	ES-TC6	1SNK900105R0000		10	0.80
6	**Component plugs**	Components in series with circuit	Dark grey	PG5	1SNK900401R0000		20	3.45
7	**Disconnect plugs**	Equipped with linking bar	Orange	PG5-R1	1SNK900402R0000		20	3.45
8	**Terminal block markers**	Blank card	White	MC612	1SNK150000R0000		22	10.00
				MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip	White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

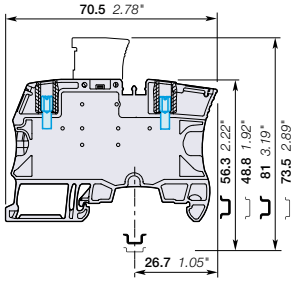
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161039S0201 - Rev. B

ZS4-SP-T2-R1 screw clamp terminal blocks
Disconnect with plug - with test socket screws
6 mm *0.236 in* spacing



ZS4-SP-T2-R1



6 mm *0.236 in* spacing

Description

– Ease your test operations with the two built-in test socket screws 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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4-SF, with 2 test socket screws DIA 2 mm *0.079 in*, plug delivered separately	Grey ☐	ZS4-SP-T2-R1	1SNK506314R0000		50	14.20

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*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*

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 N.m ± 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.
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 USR CNR CSA Gost R

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey ■	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange ■	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**	End module, 5.2 mm *0.205 in*			Dark grey ■	TC5-R1	1SNK900201R0000		10	5.23
4	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey ■	ES-TC6	1SNK900105R0000		10	0.80
5	**Component plugs**	Components in series with circuit			Dark grey ■	PG5	1SNK900401R0000		20	3.45
6	**Disconnect plugs**	Equipped with linking bar			Orange ■	PG5-R1	1SNK900402R0000		20	3.45
7	**Terminal block markers**	Blank card			White ☐	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White ☐	SAT6	1SNK900615R0000		5	6.00

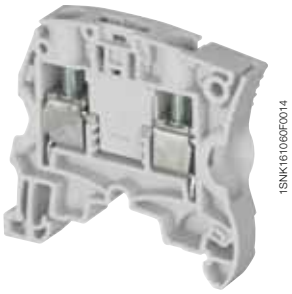
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

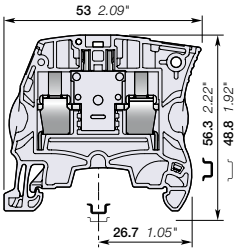
1SNK161040S0201 - Rev. B

ZS10-SP screw clamp terminal blocks
Disconnect with plug - 8 mm *0.315 in* spacing

2



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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS10	Grey	ZS10-SP	1SNK508316R0000		50	8.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-10 mm²	*24-6 AWG*
	Flexible	0.22-10 mm²	
	with non insulated ferrule	0.22-10 mm²	*24-8 AWG*
	with insulated ferrule	0.22-6 mm²	*24-8 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 A / 6 AWG*
Maximum current / Maximum cross section		18 A / 10 mm²	
Rated short-time withstand current (1s)		300 A	
Rated voltage		630 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12 mm *0.472 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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 USR CSA Gost R

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Component plugs**	Components in series with circuit		Dark grey	PG5	1SNK900401R0000		20	3.45
4	**Disconnect plugs**	Equipped with linking bar		Orange	PG5-R1	1SNK900402R0000		20	3.45
5	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through screw clamp terminal blocks

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS10	1SNK508010R0000		50	14.10

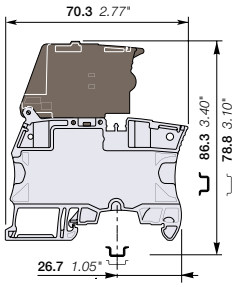
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161051S0201 - Rev. B

ZS4-SF screw clamp terminal blocks
for 5x20 fuses - 6 mm *0.236 in* spacing

	4 mm²
	10 AWG

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 feed-through and ZS4-S-R1 disconnect terminal blocks.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF	1SNK506410R0000		50	18.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 V	*150 V*
Impulse withstand voltage		6000 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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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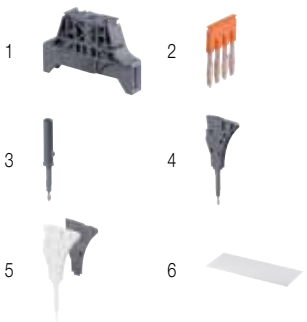


Accessories

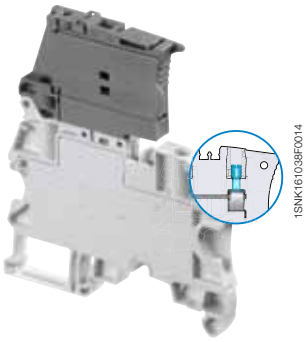
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90
		5 poles				JB6-5	1SNK906305R0000		50	3.60
		10 poles				JB6-10	1SNK906310R0000		20	7.40
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
6	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

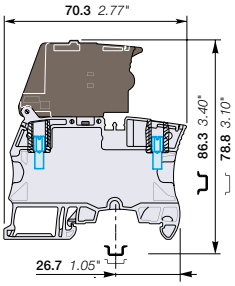
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161005S0201 - Rev. B

ZS4-SF-T screw clamp terminal blocks
for 5x20 fuses - with test socket screws - 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 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Ease the test with built-in test socket screws.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	With 2 test socket screws DIA 2 mm *0.079 in*	Grey-dark grey	ZS4-SF-T2	1SNK506411R0000		50	18.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 V	*150 V*
Impulse withstand voltage		6000 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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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 CB RoHS RoHS USR CNR CSA Gost R BV DNV Rina

Accessories

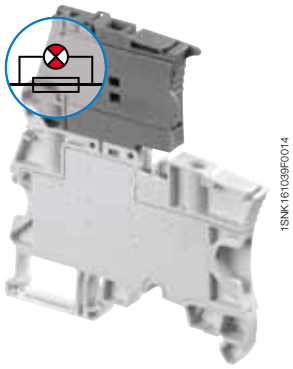
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90
		5 poles				JB6-5	1SNK906305R0000		50	3.60
		10 poles				JB6-10	1SNK906310R0000		20	7.40
3	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
4	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
5	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

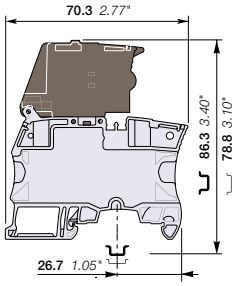
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161038S0201 - Rev. B

ZS4-SF-R screw clamp terminal blocks
for 5x20 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 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	Order code		Pkg pce	Weight (1 pce) g
Fuses	With blown fuse indicator by red LED 24-60V	Grey-dark grey	ZS4-SF-R1	1SNK506412R0000		50	18.60
	With blown fuse indicator by red LED 115-250V	Grey-dark grey	ZS4-SF-R3	1SNK506415R0000		50	18.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 V	*150 V*
Impulse withstand voltage		6000 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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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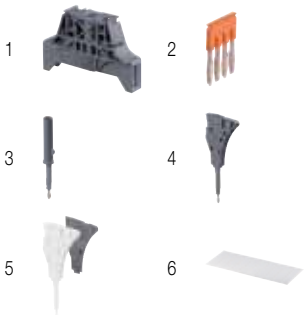
Accessories



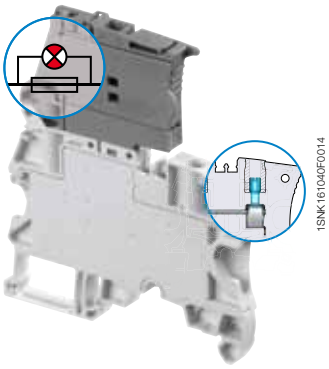
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90
		5 poles				JB6-5	1SNK906305R0000		50	3.60
		10 poles				JB6-10	1SNK906310R0000		20	7.40
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
6	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

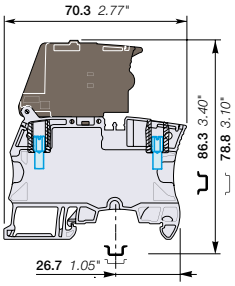
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS4-SF-R screw clamp terminal blocks
for 5x20 fuses - with blown fuse indicator and test socket screws
6 mm *0.236 in* spacing

4 mm²
10 AWG



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 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	Order code		Pkg pce	Weight (1 pce) g
Fuses	With blown fuse indicator by red LED 24-60V and 2 test socket screws DIA 2 mm *0.079 in*	Grey-dark grey	ZS4-SF-R2	1SNK506413R0000		50	18.60
	With blown fuse indicator by red LED 115-250V and 2 test socket screws DIA 2 mm *0.079 in*	Grey-dark grey	ZS4-SF-R4	1SNK506416R0000		50	18.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 V	*150 V*
Impulse withstand voltage		6000 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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	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**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
4	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
5	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

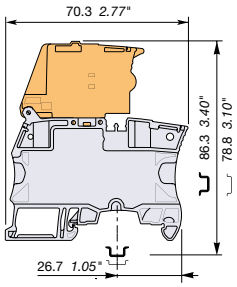
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161037S0201 - Rev. B

ZS4-S-R2 screw clamp terminal blocks
Disconnect with lever - 6 mm *0.236 in* spacing

	4 mm²
	10 AWG

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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4-SF	Grey-orange	ZS4-S-R2	1SNK506414R0000		50	21.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*13 A / 10 AWG*
Maximum current / Maximum cross section		18 A / 4 mm²	
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 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 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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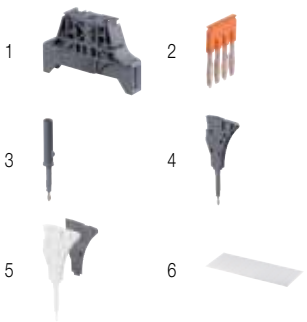
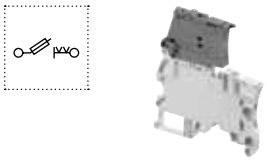
Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	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**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000		10	0.80
6	**Terminal block markers**	Blank card			White	MC612	1SNK150000R0000		22	10.00
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT6	1SNK900615R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



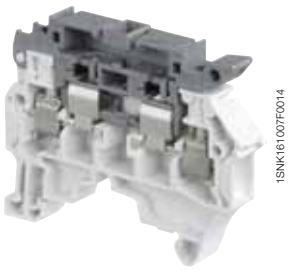
Fuses screw clamp terminal blocks

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF	1SNK506410R0000		50	18.60

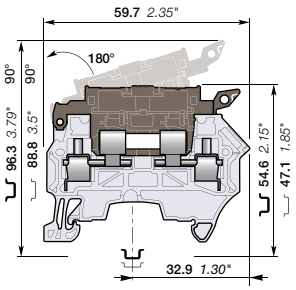
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS4-SF1 screw clamp terminal blocks
for 5x20 and 5x25 fuses - 8 mm *0.315 in* spacing

	4 mm²
	10 AWG



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	Order code		Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF1	1SNK508410R0000		50	13.30

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 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		11 mm *0.433 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 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	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.
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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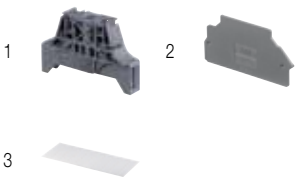
Accessories



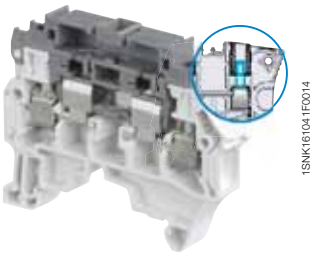
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

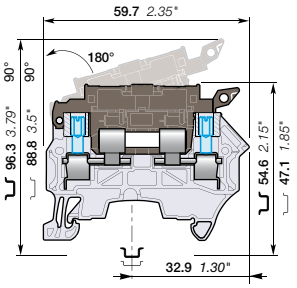
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161011S0201 - Rev. B

ZS4-SF1-T screw clamp terminal blocks
for 5x20 and 5x25 fuses - with test socket screws
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 socket screws.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	With 2 test socket screws DIA 2 mm *0.079 in*	Grey-dark grey	ZS4-SF1-T2	1SNK508411R0000		50	13.30

Main technical data

		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 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		11 mm *0.433 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 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	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.
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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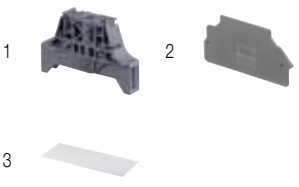
Accessories



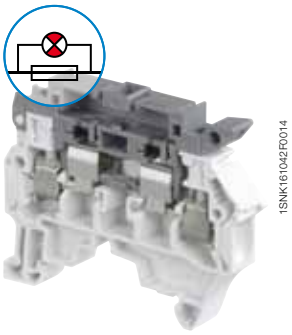
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

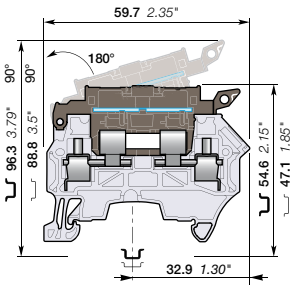
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS4-SF1-R screw clamp terminal blocks
for 5x20 and 5x25 fuses - with blown fuse indicator
8 mm *0.315 in* spacing

	4 mm²
	10 AWG



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	Order code		Pkg pce	Weight (1 pce) g
Fuses	With blown fuse indicator by red LED 24-60V	Grey-dark grey	ZS4-SF1-R1	1SNK508412R0000		50	13.30
	With blown fuse indicator by red LED 115-250V	Grey-dark grey	ZS4-SF1-R3	1SNK508414R0000		50	13.30

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 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		11 mm *0.433 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 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	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.
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

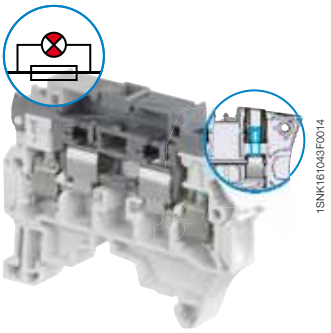
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

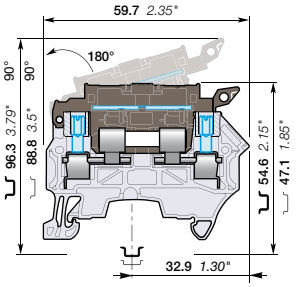
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161034S0201 - Rev. B

ZS4-SF1-R screw clamp terminal blocks
for 5x20 and 5x25 fuses - with blown fuse indicator and test socket screws - 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 socket screws,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	With blown fuse indicator by red LED 24-60V and 2 test socket screws DIA 2 mm *0.079 in*	Grey-dark grey	ZS4-SF1-R2	1SNK508413R0000		50	13.30
	With blown fuse indicator by red LED 115-250V and 2 test socket screws DIA 2 mm *0.079 in*	Grey-dark grey	ZS4-SF1-R4	1SNK508415R0000		50	13.30

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		250 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		11 mm *0.433 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 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	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.
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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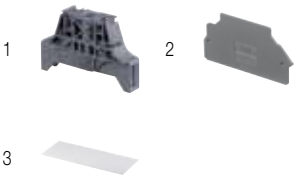
Accessories



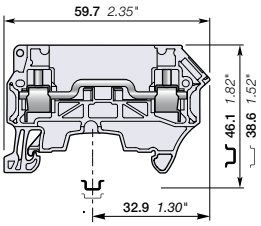
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS4-R1 screw clamp terminal blocks
Feed-through - 8 mm *0.315 in* spacing

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	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS4-SF1	Grey ☐	ZS4-R1	1SNK508013R0000		50	11.00

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*26 A / 10 AWG*
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*
Rated voltage Ex e			

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.433 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 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.
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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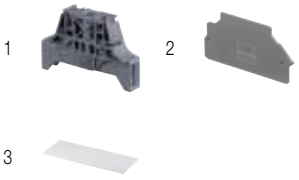
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey ■	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey ■	ES4-SF	1SNK508960R0000		20	1.82
3	**Terminal block markers**	Blank card		White ☐	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White ☐	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Fuses screw clamp terminal blocks

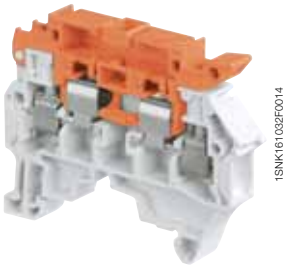
Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey ■	ZS4-SF1	1SNK508410R0000		50	13.30

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

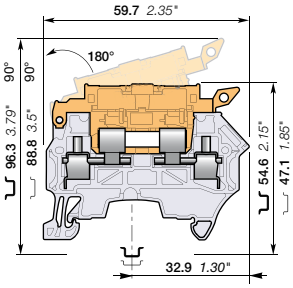
1SNK161009S0201 - Rev. B

ZS4-S-R3 screw clamp terminal blocks
Disconnect with lever - 8 mm *0.315 in* spacing

4 mm²
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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4-SF1	Grey-orange	ZS4-S-R3	1SNK508416R0000		50	13.30

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-4 mm²	*24-10 AWG*
	Flexible	0.22-4 mm²	
	with non insulated ferrule	0.22-4 mm²	*24-12 AWG*
	with insulated ferrule	0.22-4 mm²	*24-12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	*24-16 AWG*
	Flexible	0.2-1.5 mm²	
	with twin ferrule	0.22-1.5 mm²	*24-16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 A / 10 AWG*
Maximum current / Maximum cross section		18 A / 4 mm²	
Rated short-time withstand current (1s)		300 A	
Rated voltage		500 V	*300 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.433 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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.
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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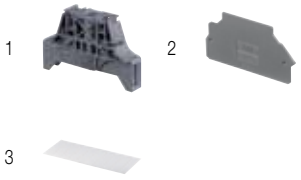
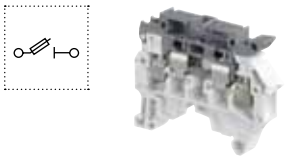
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuses screw clamp terminal blocks

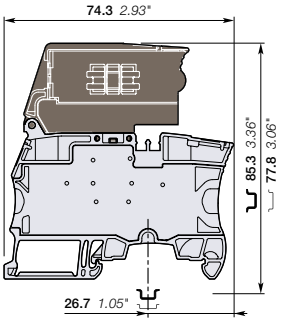
Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF1	1SNK508410R0000		50	13.30

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS10-SF screw clamp terminal blocks
For 6.3x32 fuses - 8 mm *0.315 in* spacing

	10 mm²
	6 AWG

ZS10-SF



8 mm *0.315 in* spacing

Description

– Protect your circuits with 6.3x32 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	Order code		Pkg pce	Weight (1 pce) g
Fuse	Closed block	Grey, dark grey	ZS10-SF	1SNK508418R0000		50	28.50

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
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*

Mounting instructions

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 N.m ± 0.3 *11.5 lb.in ± 2.65*

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.
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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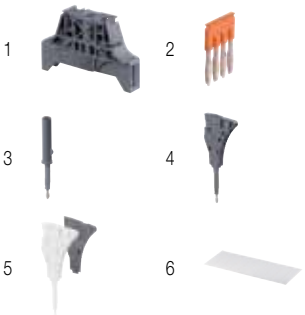
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	57 A *42 A*	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
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
6	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

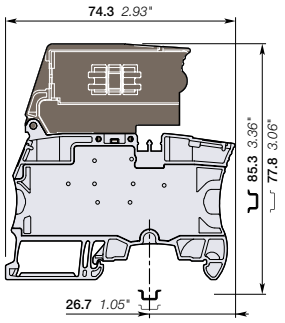
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161052S0201

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

10 mm²
6 AWG

Description

– Protect your circuits with 6.3x32 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	Order code		Pkg pce	Weight (1 pce) g
Fuse	With blown fuse indicator by red LED 24-110V	Grey, dark grey	ZS10-SF-R1	1SNK508421R0000		50	30.50
	With blown fuse indicator by red LED 115-250V		ZS10-SF-R3	1SNK508422R0000		50	30.50

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
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*

Mounting instructions

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 N.m ± 0.3 *11.5 lb.in ± 2.65*

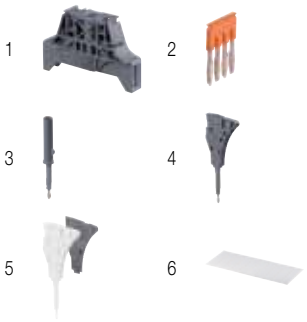
Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

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.
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 CB RoHS RoHS USR CNR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	57 A *42 A*	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
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
6	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

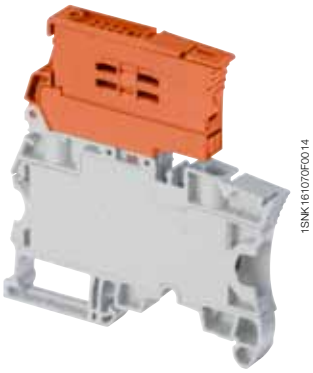
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

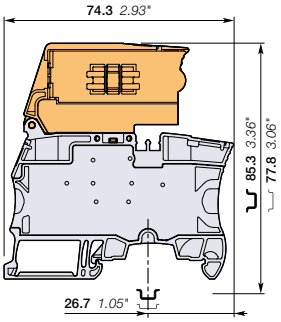
1SNK161053S0201

ZS10-S-R2 screw clamp terminal blocks
Disconnect with lever - 8 mm *0.315 in* spacing

	10 mm²
	6 AWG



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	Order code		Pkg pce	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*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
Rated current / Rated cross section		10 A / 10 mm²	*22 A / 6 AWG*
Maximum current / Maximum cross section		25 A / 10 mm²	
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 V	*600 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

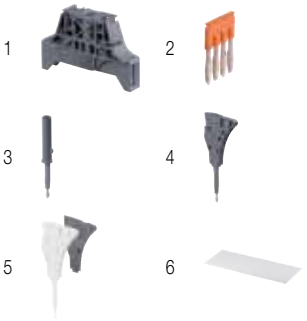
Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

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.
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

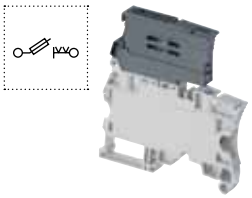
CE CB RoHS USR CNR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	57 A *42 A*	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
3	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
4	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
5	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
6	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuse screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	Closed block	Grey, dark grey	ZS10-SF	1SNK508418R0000		50	28.50

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161055S0201

SNK series, terminal blocks
Screw clamp technology

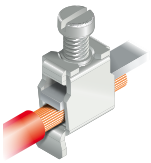
Overview 64

Test & measurement

10 mm² / *6 AWG*	**ZS10-ST**		68
	ZS10-ST1	With test	69
	ZS10-ST-T4	With insulated test sockets	70
	ZS10-R1	Feed-though	71
	ZS10-PE-R1	Ground	72

1SNK161065S0201

SNK series, terminal blocks
Screw clamp technology
Test & measurement



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, ergonomy, common accessories & marking.

High performances

- 10 mm² *6 AWG*
- 6 mm² *10 AWG* with ferrule
- 50 A (IEC) *53 A (UL)*
- Worldwide certifications

Rely on our smart design

Insulated short circuit bridges:
SC-JB8

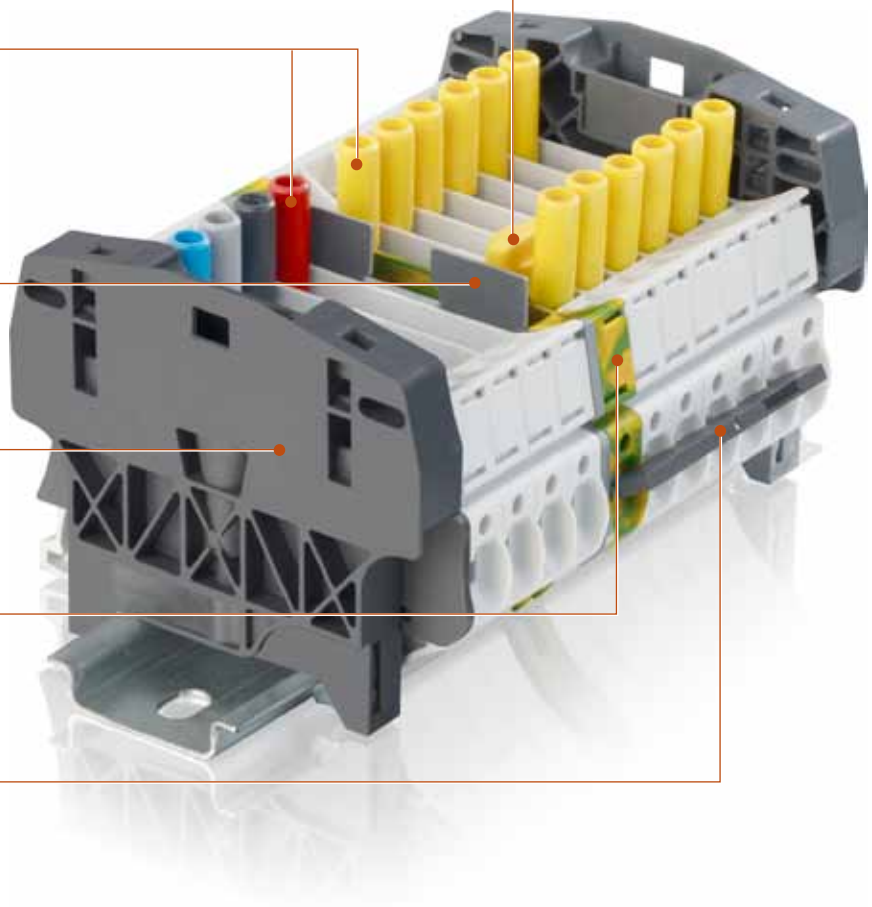
Insulated captive test sockets:
AJS9
6 colors
Compatible with standard
DIA. 4 mm test plugs
(IEC 60010-031)

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

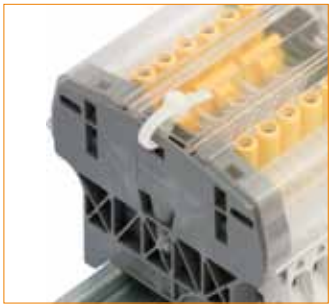
Guarantee access only to authorized operators

Cover can be permanently sealed with a seal or cable tie.

Centering drilling guide for seal or cable tie.

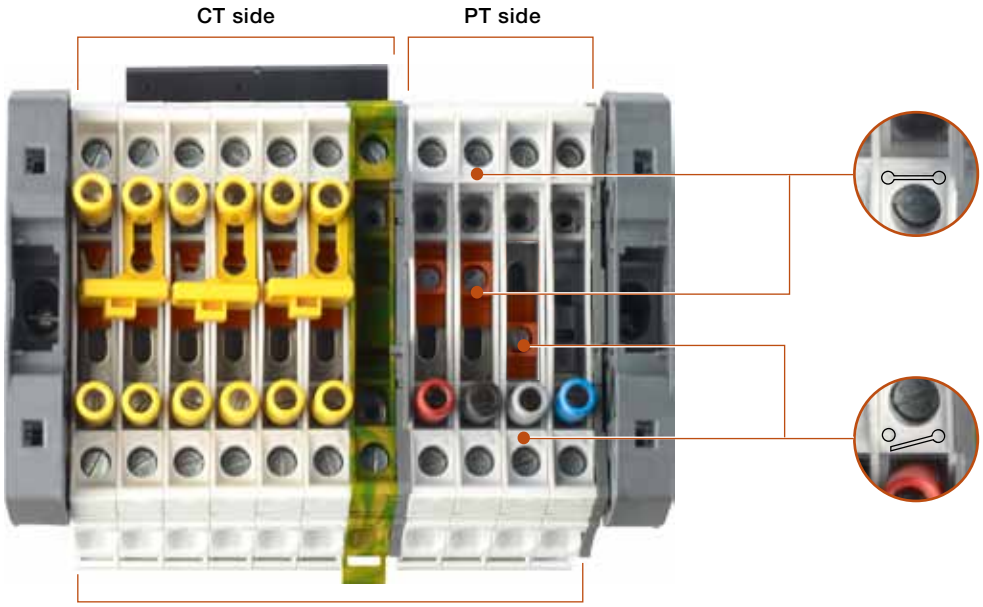
The cover is specially designed to ease its mounting or removal:

– 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

Short-circuit CT circuits safely and conveniently

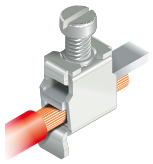
1 Fully operated by screwdriver (DIA 3.5 mm)

2 Short-circuited position secured thanks to AJS9 test sockets tightening

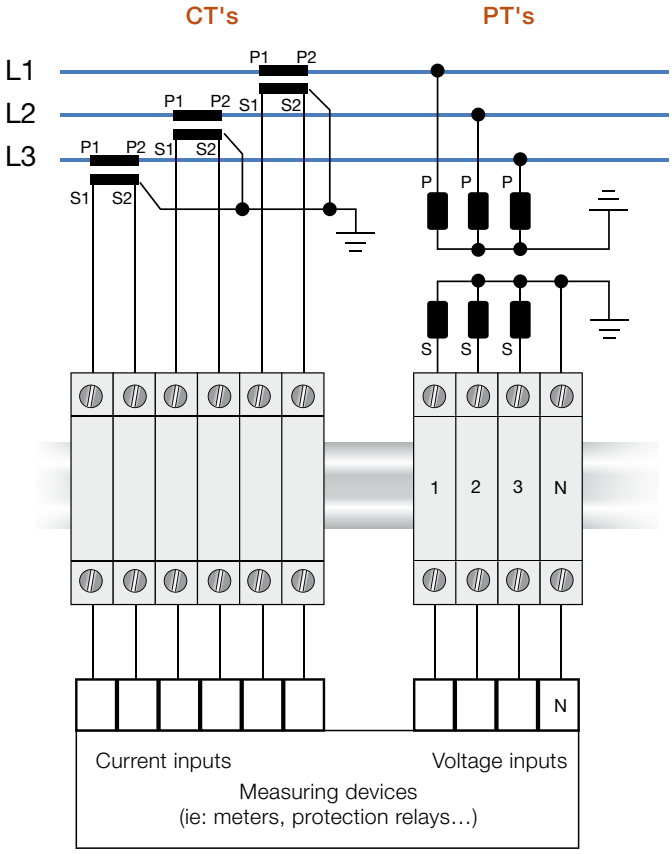
3 Adapted hook shape maintain the bridge on terminal block in the non connected position

1SNK160057S0201

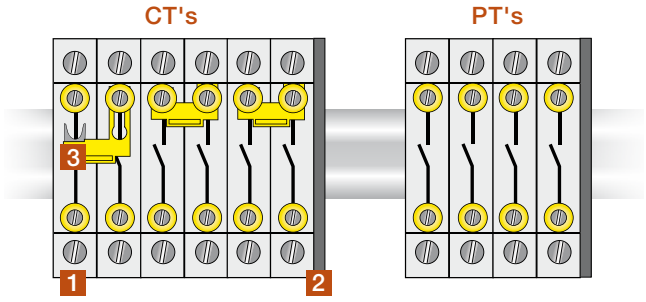
SNK series, terminal blocks
Test & measurement
Typical schematic for measuring devices



Common point on the transformers

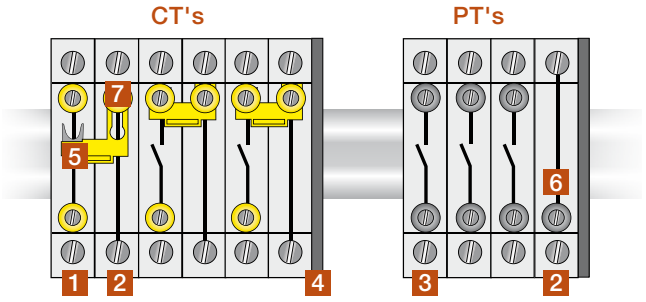


Bill of material optimized



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

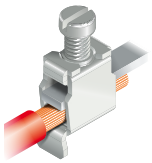
Bill of material with convenient customization (test sockets, feed-through terminals...)



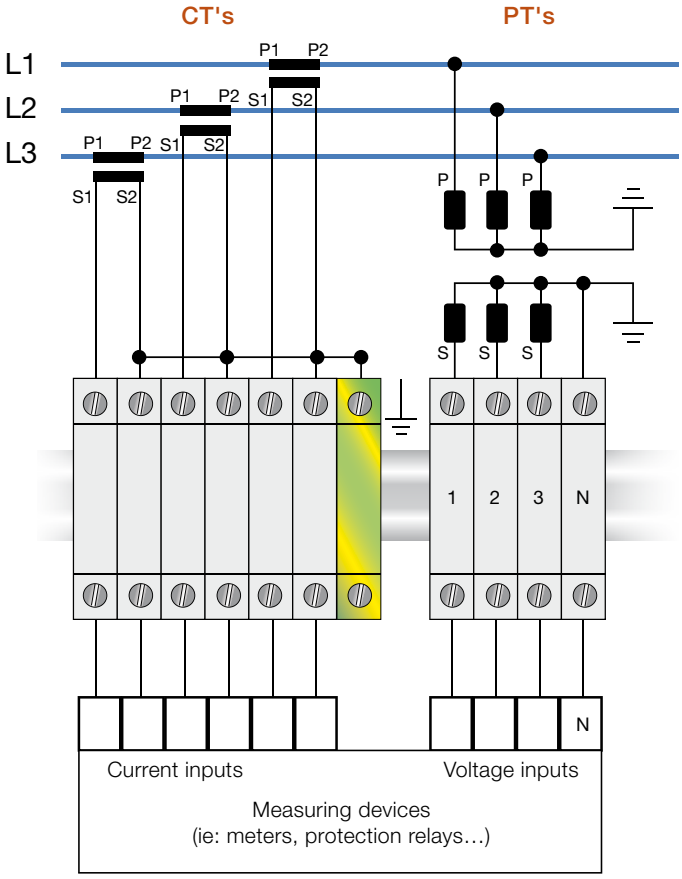
Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0
2 Terminal block	ZS10-R1	1SNK508011R0000	3	1
3 Terminal block	ZS10-ST-1	1SNK508312R0000	0	3
4 End section	ES10-ST	1SNK508910R0000	1	1
5 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0
6 Test socket	AL4-M3	1SNA206721R0100	0	1
7 Insulated test socket	AJS9	1SNA179726R0200	3	0

1SNK160058S0201

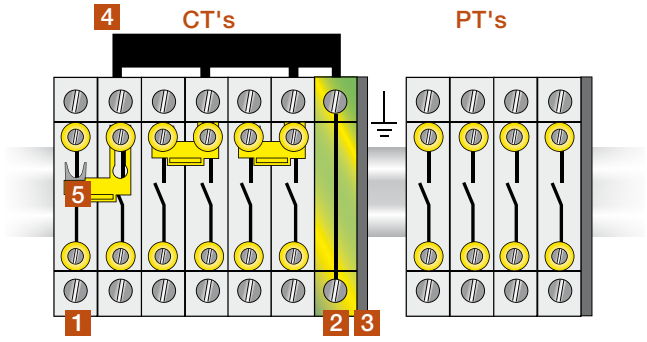
SNK series, terminal blocks
Test & measurement
Typical schematic for measuring devices



Common point on the terminal block assembly

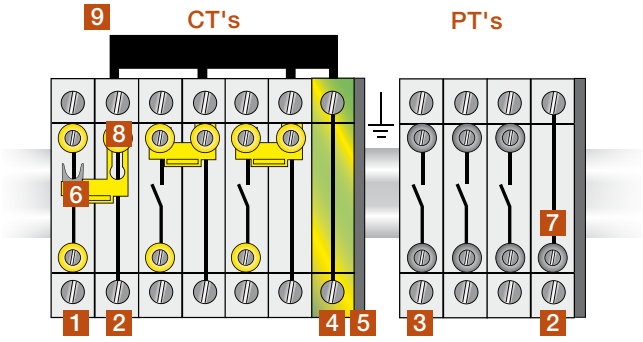


Bill of material optimized



	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…)



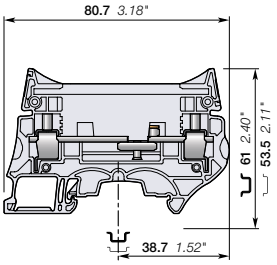
	Description	Type	Order code	Qty needed	
				CT's	PT's
1	Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0
2	Terminal block	ZS10-R1	1SNK508011R0000	3	1
3	Terminal block	ZS10-ST-1	1SNK508312R0000	0	3
4	Terminal block	ZS10-PE-R1	1SNK508151R0000	1	0
5	End section	ES10-ST	1SNK508910R0000	1	1
6	Short-circuit bridges	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 mm²
6 AWG

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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Grey	ZS10-ST	1SNK508310R0000		25	24.80

Main technical data

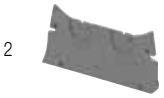
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
2 conductors per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-4 mm²	
	with twin ferrule	0.5-4 mm²	*20-12 AWG*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 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		13 mm *0.512 in*
Screw clamp Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 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.
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 CB RoHS USR CNR CSA Gost R



Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2 mm	*0.079 in*	Dark grey	ES10-ST	1SNK508910R0000		20	3.52
3	**Jumper bars**	2 poles	50 A *51 A*	Orange	JB8-2-R1	1SNK908902R0000		10	7.60
		3 poles			JB8-3-R1	1SNK908903R0000		10	11.60
		4 poles			JB8-4-R1	1SNK908904R0000		10	15.50
		5 poles			JB8-5-R1	1SNK908905R0000		10	19.40
		10 poles			JB8-10-R1	1SNK908910R0000		10	39.00
4	**Test sockets**	DIA 4 mm *0.157 in* IP20		Yellow	AJS9	1SNA179726R0200		25	5.00
				Black	AJS9-1	1SNA206680R1500		25	3.60
				Green	AJS9-2	1SNA206681R0200		25	3.60
				Grey	AJS9-3	1SNA206682R0300		25	3.60
				Blue	AJS9-4	1SNA206683R0400		25	3.60
				Red	AJS9-5	1SNA206720R1400		25	3.60
		DIA 4 mm *0.157 in*			AL4-M3	1SNA206721R0100		50	1.10
5	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
		Pre-printed marker card			MC812PA	1SNK160011R0000		1	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS10-R1

ZS10-PE-R1

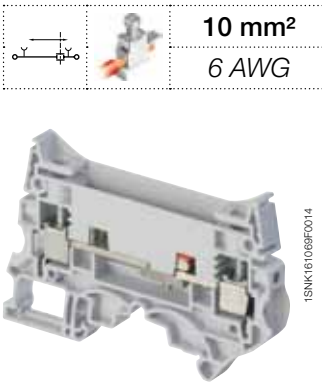
Screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey	ZS10-R1	1SNK508011R0000		25	20.90
Ground	Profile aligned with ZS10-ST...	Green-Yellow	ZS10-PE-R1	1SNK508151R0000		25	28.40

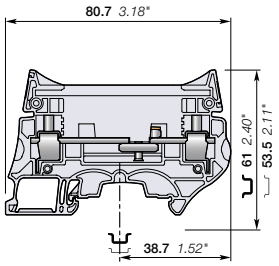
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161056S0201

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

10 mm²
6 AWG

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	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With 2 test sockets DIA 4 mm *0.157 in*	Grey	ZS10-ST-1	1SNK508312R0000		25	27.00

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	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	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*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*

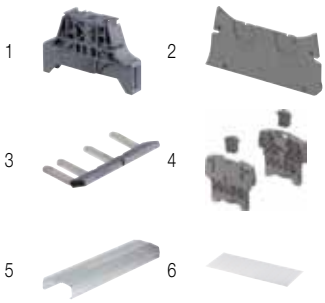
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Screw clamp Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		*1.3 N.m* ± 0.3 *11.5 lb.in ± 2.65*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 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.
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 · CB · RoHS · USR CNR · CSA · Gost R

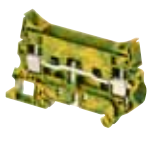
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2 mm	*0.079 in*	Dark grey	ES10-ST	1SNK508910R0000		20	3.52
3	**Lateral jumper bars**	10 poles	50 A	Black	PC8-10	1SNA163313R2400		10	14.00
		4/6 poles			PC8-R1	1SNA400711R0600		10	6.60
		4/8 poles			PC8-R2	1SNA400712R0700		10	7.84
		4/10 poles			PC8-R3	1SNA400713R0000		10	9.00
		3/4 poles			PC8-R4	1SNA400724R0300		10	4.50
4	**Protecting cover kits**			Dark grey	KCO	1SNK900624R0000		1	47.80
5	**Protecting covers**	1 m *39.4 in* length		Transparent	CO	1SNK900604R0000		1	300.00
6	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
		Pre-printed marker card			MC812PA	1SNK160011R0000		1	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS10-R1



ZS10-PE-R1

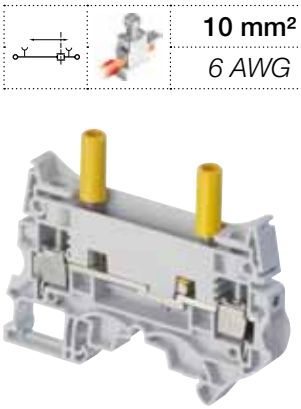
Screw clamp terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey	ZS10-R1	1SNK508011R0000		25	20.90
Ground	Profile aligned with ZS10-ST...	Green-Yellow	ZS10-PE-R1	1SNK508151R0000		25	28.40

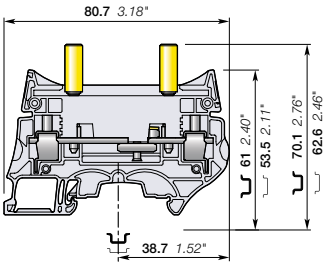
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161062S0201

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

10 mm²
6 AWG

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,
- Installed with our aligned feed-through and ground terminal blocks, you benefit of a complete and compact solution for your CT circuits.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	With two yellow test sockets DIA 4 mm *0.157 in*	Grey	ZS10-ST-T4	1SNK508311R0000		25	31.90

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	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	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*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

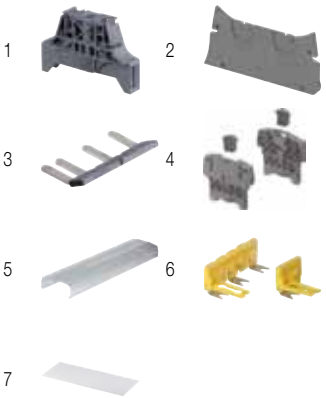
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Screw clamp Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*
Disconnect device Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*
Test socket Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.4 - 0.6 N.m *3.5 - 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.
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 CB RoHS USR CNR CSA Gost R

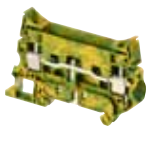
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2 mm	*0.079 in*	Dark grey	ES10-ST	1SNK508910R0000		20	3.52
3	**Lateral jumper bars**	10 poles	50 A	Black	PC8-10	1SNA163313R2400		10	14.00
		4/6 poles			PC8-R1	1SNA400711R0600		10	6.60
		4/8 poles			PC8-R2	1SNA400712R0700		10	7.84
		4/10 poles			PC8-R3	1SNA400713R0000		10	9.00
		3/4 poles			PC8-R4	1SNA400724R0300		10	4.50
4	**Protecting cover kits**			Dark grey	KCO	1SNK900624R0000		1	47.80
5	**Protecting covers**	1 m *39.4 in* length		Transparent	CO	1SNK900604R0000		1	300.00
6	**Short circuit bridges**	2 poles		Yellow	SC-JB8-2	1SNK900652R0000		25	2.00
		3 poles			SC-JB8-3	1SNK900653R0000		25	3.40
		4 poles			SC-JB8-4	1SNK900654R0000		25	4.70
7	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
		Pre-printed marker card			MC812PA	1SNK160011R0000		1	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS10-R1



ZS10-PE-R1

Screw clamp terminal blocks

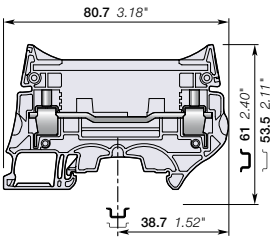
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey	ZS10-R1	1SNK508011R0000		25	20.90
Ground	Profile aligned with ZS10-ST...	Green-Yellow	ZS10-PE-R1	1SNK508151R0000		25	28.40

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161057S0201

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.

2

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey ☐	ZS10-R1	1SNK508011R0000		25	20.90

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	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*
Rated current / Rated cross section		57 A / 10 mm²	*62 A / 6 AWG*
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*
Rated voltage Ex e		- – -	

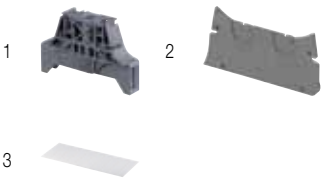
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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 CB RoHS USR CNR CSA Gost R

Accessories



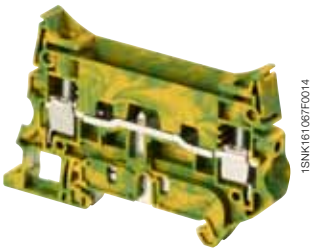
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey ■	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2 mm	*0.079 in*	Dark grey ■	ES10-ST	1SNK508910R0000		20	3.52
3	**Terminal block markers**	Blank card		White ☐	MC812	1SNK160000R0000		22	10.00
		Pre-printed marker card			MC812PA	1SNK160011R0000		1	14.00
		Universal wire markers holder		Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White ☐	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

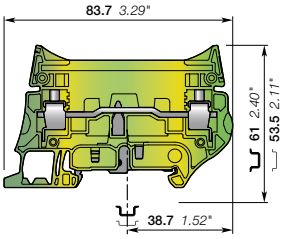
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161059S0201

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	Order code		Pkg pce	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*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-10 mm²	*24-6 AWG*
	Flexible	0.5-10 mm²	
	with non insulated ferrule	0.5-10 mm²	*24-8 AWG*
	with insulated ferrule	0.5-6 mm²	*24-10 AWG*
	Gauge	A5-B5	
Rated cross section		10 mm²	*6 AWG*
Rated short-time withstand current (1s)		1200 A	*1596 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		–	

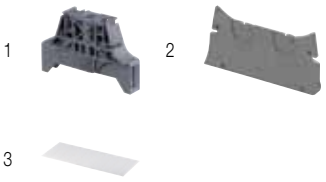
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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 CB RoHS RoHS USR CNR CSA Gost R

Accessories

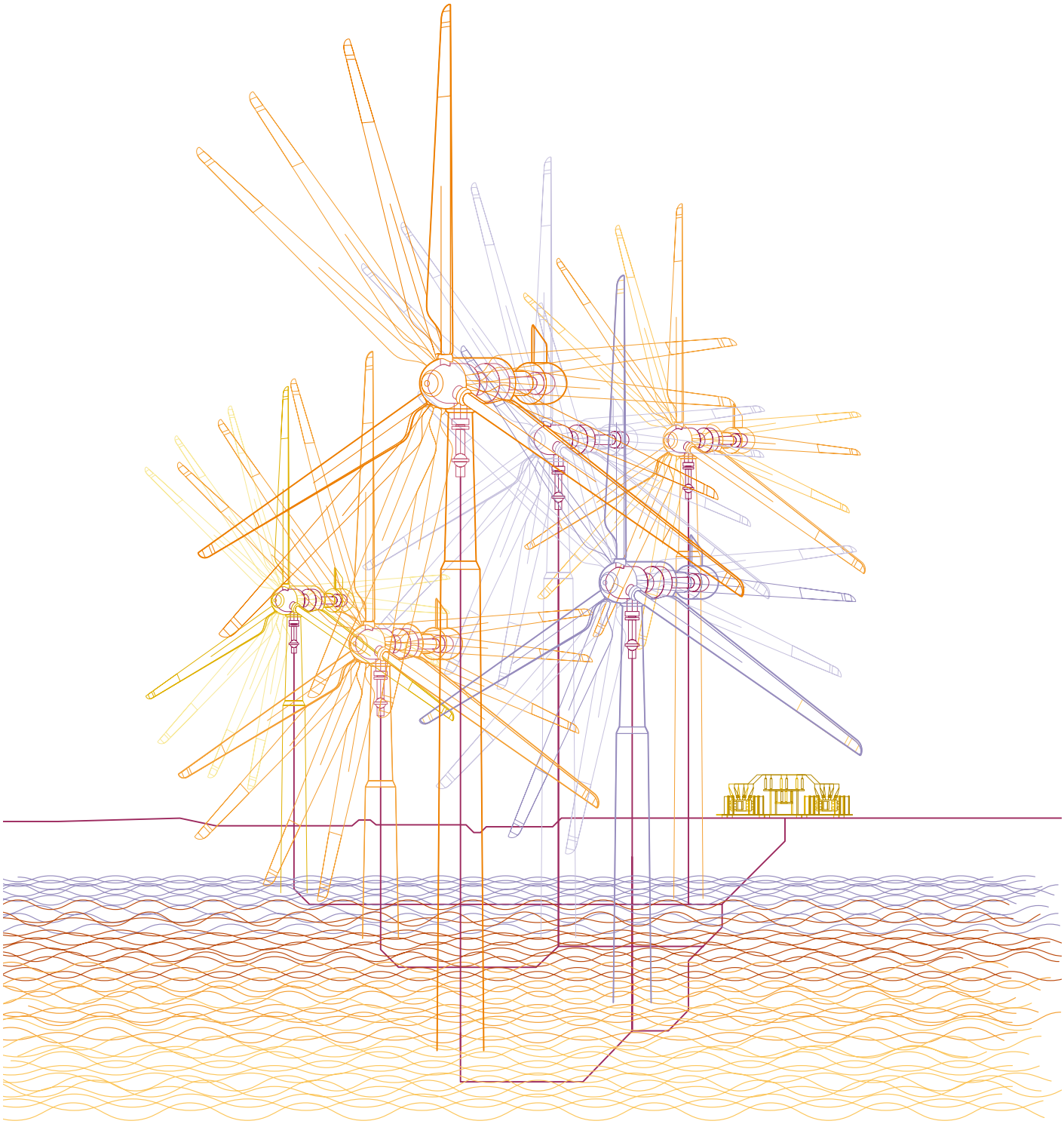


	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2 mm	*0.079 in*	Dark grey	ES10-ST	1SNK508910R0000		20	3.52
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
		Pre-printed marker card			MC812PA	1SNK160011R0000		1	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT8	1SNK900616R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

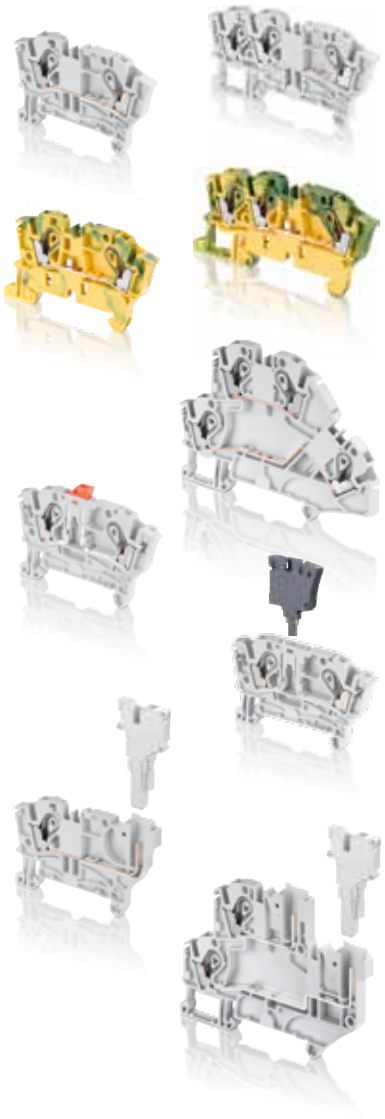
1SNK161058S0201



PB-2

1SNK162019S0201 - Rev. A

SNK series, terminal blocks
PI-Spring screwless technology



Overview 76

Feed-through

2.5 mm² / *12 AWG*	**ZP2.5**		78
	ZP2.5-3P	With 3 connections	79
	ZP2.5-4P	With 4 connections	80

Ground

2.5 mm² / *12 AWG*	**ZP2.5-PE**		81
	ZP2.5-PE-3P	With 3 connections	82
	ZP2.5-PE-4P	With 4 connections	83

Double deck

2.5 mm² / *12 AWG*	**ZP2.5-D2**	2 feed-through circuits	84
	ZP2.5-D1	1 feed-through circuit	85

Disconnect with blade

2.5 mm² / *12 AWG*	**ZP2.5-S**	With test sockets	86

Disconnect with plug

2.5 mm² / *12 AWG*	**ZP2.5-SP**	With test sockets	87

Feed-through - pluggable

2.5 mm² / *12 AWG*	**ZDP2.5-11**		88
	ZDP2.5-22		89

Double deck - pluggable

2.5 mm² / *12 AWG*	**ZDP2.5-D2**	2 feed-through circuits	90
	ZDP2.5-D1	1 feed-through circuit	91

Plug

2.5 mm² / *12 AWG*	**C2.5-ZDP**		92

1SNK162019B0201 - Rev. A

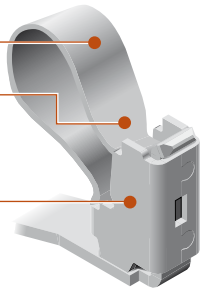
SNK series, terminal blocks
PI-Spring screwless technology

Embrace our new PI-Spring screwless technology featuring direct insertion as well as the ergonomics of a spring connection. This screwless technology permits direct insertion of rigid or flexible cable equipped with a ferrule or insertion of flexible cable without ferrules in association with a screwdriver.

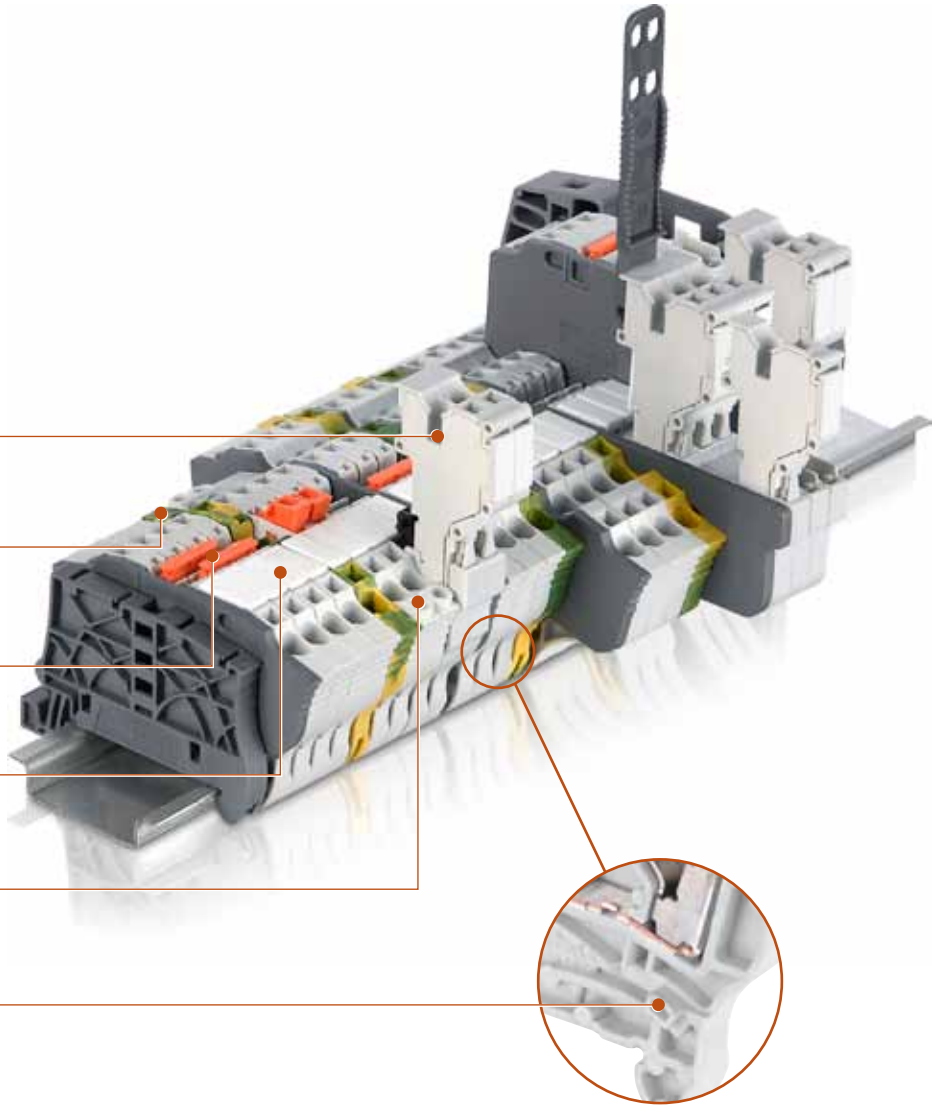
Excellent pulling strength

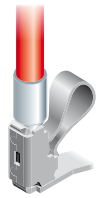
Vibration and shock resistant

Optimal resistance to climatic variations, with a heat-treated steel connection and anti-corrosion treatment



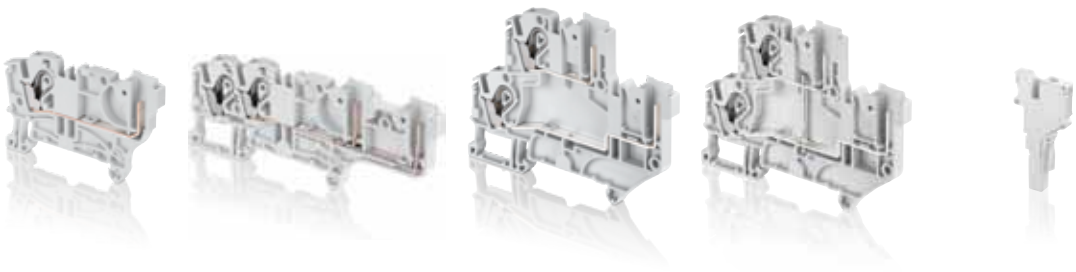
Common accessories with the SNK screw clamp version





Section		Feed-through			Ground		
IEC	*UL/CSA*						
4 mm²	*12 AWG*	**ZP2.5...** 5.2 mm *0.205 in*	**ZP2.5-3P..** 5.2 mm *0.205 in*	**ZP2.5-4P...** 5.2 mm *0.205 in*	**ZP2.5-PE** 5.2 mm *0.205 in*	**ZP2.5-PE-3P** 5.2 mm *0.205 in*	**ZP2.5-PE-4P** 5.2 mm *0.205 in*

Section		Double deck - feed-through		Disconnect with blade	Disconnect with plug
IEC	*UL/CSA*				
4 mm²	*12 AWG*	**ZP2.5-D2...** 5.2 mm *0.205 in*	**ZP2.5-D1** 5.2 mm *0.205 in*	**ZP2.5-S...** 5.2 mm *0.205 in*	**ZP2.5-SP** 5.2 mm *0.205 in*



Section		Feed-through - pluggable		Double deck - pluggable		Plug
IEC	*UL/CSA*					
4 mm²	*12 AWG*	**ZDP2.5-11** 5.2 mm *0.205 in*	**ZDP2.5-22** 5.2 mm *0.205 in*	**ZDP2.5-D2** 5.2 mm *0.205 in*	**ZDP2.5-D1** 5.2 mm *0.205 in*	**C2.5-ZDP** 5.2 mm *0.205 in*

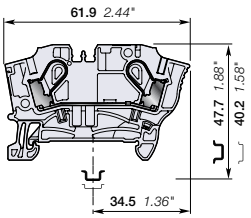
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162011S0201

ZP2.5 PI-Spring screwless terminal blocks
Feed-through - 5.2 mm *0.205 in* spacing

	2.5 mm²
	12 AWG

ZP2.5



5.2 mm *0.205 in* spacing

Description

Thanks to the ZP2.5 PI-Spring screwless terminal blocks:
- Save time and connect directly rigid and flexible conductors with ferrule, without the use of any tool,
- Appreciate the PI-Spring screwless technology for the connection of flexible conductor without ferrule: after the click, the screwdriver is self-maintained and allows a free hand for a rapid and reliable connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey	ZP2.5	1SNK605010R0000		50	7.74
		Blue	ZP2.5-BL	1SNK605020R0000		50	7.74
		Orange	ZP2.5-OR	1SNK605030R0000		50	7.74
		Green	ZP2.5-GN	1SNK605061R0000		50	7.74
		Red	ZP2.5-RD	1SNK605062R0000		50	7.74
		White	ZP2.5-WH	1SNK605065R0000		50	7.74
		Black	ZP2.5-BK	1SNK605066R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

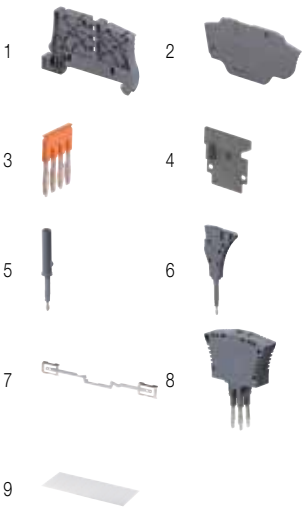
Mounting instructions

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.
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 CB RoHS USR CNR CSA Gost R

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*		Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EP2.5	1SNK605910R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	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	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Shield connectors**					SHBP	1SNK900601R0000		20	4.12
8	**Component plugs**	Components insertion between 2 blocks			Dark grey	PG5-R2	1SNK900403R0000		20	8.01
9	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

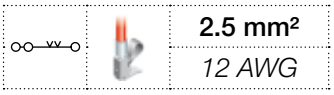
Ground PI-Spring screwless terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZP2.5	green-yellow	ZP2.5-PE	1SNK605150R0000		20	11.10

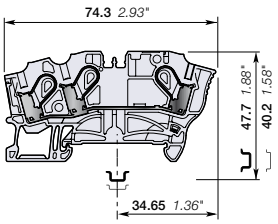
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162001S0201 - Rev. A

ZP2.5-3P PI-Spring screwless terminal blocks
Feed-through with 3 connections - 5.2 mm *0.205 in* spacing



ZP2.5-3P



5.2 mm *0.205 in* spacing

Description

Thanks to the ZP2.5-3P PI-Spring screwless terminal blocks:
- Save time and connect directly rigid and flexible conductors with ferrule, without the use of any tool,
- Appreciate the PI-Spring screwless technology for the connection of flexible conductor without ferrule: after the click, the screwdriver is self-maintained and allows a free hand for a rapid and reliable connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	3 connections	Grey	ZP2.5-3P	1SNK605011R0000		50	12.34
		Blue	ZP2.5-3P-BL	1SNK605021R0000		50	12.34
		Orange	ZP2.5-3P-OR	1SNK605031R0000		50	12.34
		Green	ZP2.5-3P-GN	1SNK605068R0000		50	12.34
		Red	ZP2.5-3P-RD	1SNK605069R0000		50	12.34
		White	ZP2.5-3P-WH	1SNK605072R0000		50	12.34
		Black	ZP2.5-3P-BK	1SNK605073R0000		50	12.34

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

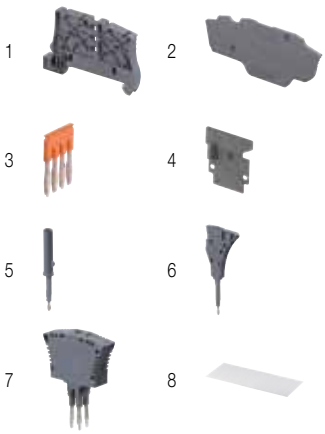
Mounting instructions

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.
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

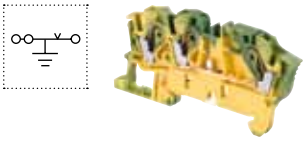
CE CB RoHS RoHS USR CNR CSA Gost R

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*		Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EP2.5-3P	1SNK605911R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	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	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Component plugs**	Components insertion between 2 blocks			Dark grey	PG5-R2	1SNK900403R0000		20	8.01
8	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

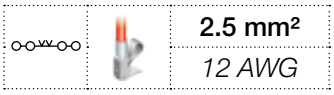


Ground PI-Spring screwless terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZP2.5-3P	green-yellow	ZP2.5-PE-3P	1SNK605151R0000		20	13.60

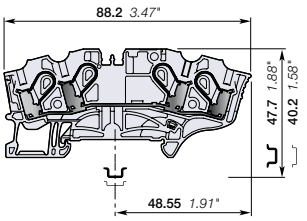
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZP2.5-4P PI-Spring screwless terminal blocks
Feed-through with 4 connections - 5.2 mm *0.205 in* spacing



2.5 mm²
12 AWG

ZP2.5-4P



5.2 mm *0.205 in* spacing

Description

Thanks to the ZP2.5-4P PI-Spring screwless terminal blocks:
- Save time and connect directly rigid and flexible conductors with ferrule, without the use of any tool,
- Appreciate the PI-Spring screwless technology for the connection of flexible conductor without ferrule: after the click, the screwdriver is self-maintained and allows a free hand for a rapid and reliable connection.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	4 connections	Grey	ZP2.5-4P	1SNK605012R0000		50	14.00
		Blue	ZP2.5-4P-BL	1SNK605022R0000		50	14.00
		Orange	ZP2.5-4P-OR	1SNK605032R0000		50	14.00
		Green	ZP2.5-4P-GN	1SNK605075R0000		50	14.00
		Red	ZP2.5-4P-RD	1SNK605076R0000		50	14.00
		White	ZP2.5-4P-WH	1SNK605079R0000		50	14.00
		Black	ZP2.5-4P-BK	1SNK605080R0000		50	14.00

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

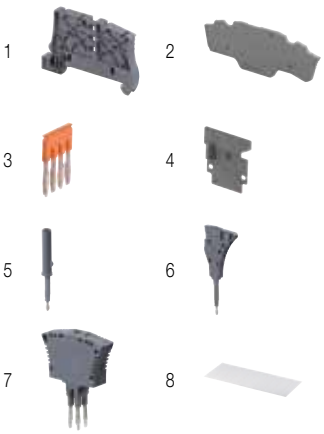
Mounting instructions

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.
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 CB RoHS USR CNR CSA Gost R

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*		Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EP2.5-4P	1SNK605912R0000		20	3.10
3	**Jumper bars**	2 poles	32 A	*30 A*	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	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Component plugs**	Components insertion between 2 blocks			Dark grey	PG5-R2	1SNK900403R0000		20	8.01
8	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground PI-Spring screwless terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZP2.5-4P	green-yellow	ZP2.5-PE-4P	1SNK605152R0000		20	15.90

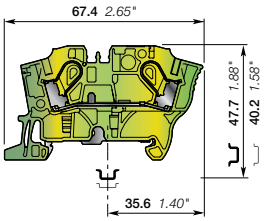
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162005S0201 - Rev. A

ZP2.5-PE PI-Spring screwless terminal blocks
Ground - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

ZP2.5-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 IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail,
- Profile aligned with ZP2.5.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	2 connections	green-yellow	ZP2.5-PE	1SNK605150R0000		20	11.10

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated short-time withstand current (1s)		300 A	
Protection		IP20	*NEMA 1*

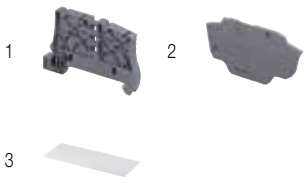
Mounting instructions

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.
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 CB RoHS RoHS USR CNR CSA Gost R

Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	EP2.5	1SNK605910R0000		20	2.60
3	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

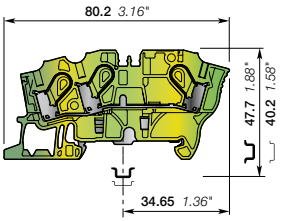
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162002S0201 - Rev. A

ZP2.5-PE-3P PI-Spring screwless terminal blocks
Ground with 3 connections - 5.2 mm *0.205 in* spacing

		2.5 mm²
		12 AWG

ZP2.5-PE-3P



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,
- Profile aligned with ZP2.5-3P.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	3 connections	green-yellow	ZP2.5-PE-3P	1SNK605151R0000		20	13.60

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated short-time withstand current (1s)		300 A	
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.
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 CB RoHS USR CNR CSA Gost R

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	EP2.5-3P	1SNK605911R0000		20	2.60
3	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

1 2

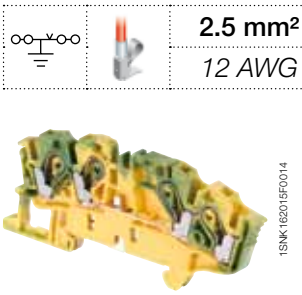
3

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

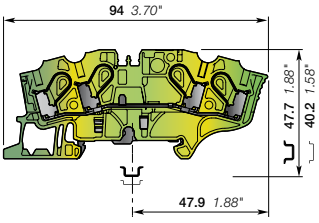
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162004S0201 - Rev. A

ZP2.5-PE-4P PI-Spring screwless terminal blocks
Ground with 4 connections - 5.2 mm *0.205 in* spacing



ZP2.5-PE-4P



5.2 mm *0.205 in* spacing

2.5 mm²
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 IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail,
- Profile aligned with ZP2.5-4P.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	4 connections	green-yellow	ZP2.5-PE-4P	1SNK605152R0000		20	15.90

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated short-time withstand current (1s)		300 A	
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.
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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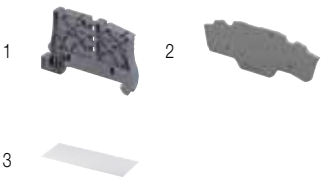
Accessories



	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	EP2.5-4P	1SNK605912R0000		20	3.10
3	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip		White	SAT5	1SNK900614R0000		5	6.00

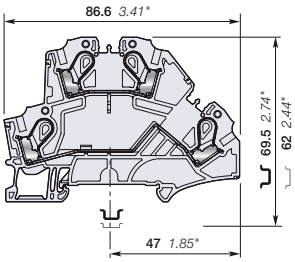
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162006S0201 - Rev. A

ZP2.5-D2 PI-Spring screwless terminal blocks
Double deck with 2 feed-through circuits - 5.2 mm *0.205 in* spacing

ZP2.5-D2



5.2 mm *0.205 in* spacing

Description

Save space with ZP2.5-D2 terminal block and easily connect two independent circuits in just 5.2 mm *0.205 in* spacing.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	4 connections	Grey	ZP2.5-D2	1SNK605210R0000		50	7.74
		Blue	ZP2.5-D2-BL	1SNK605220R0000		50	7.74

Main technical data

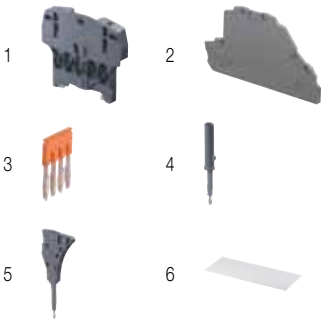
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		23 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 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.
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 CB RoHS USR CNR CSA Gost R



Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EP2.5-D2	1SNK605960R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	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
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

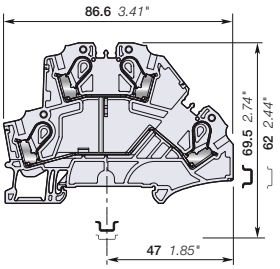
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162007S0201 - Rev. A

ZP2.5-D1 PI-Spring screwless terminal blocks
Double deck with 1 feed-through circuit - 5.2 mm *0.205 in* spacing

ZP2.5-D1



5.2 mm *0.205 in* spacing

Description

– Ease one potential distribution on 4 independent spring clamps,
– Save space by connecting conductors up to 4 mm² (CB certified) *12 AWG* in just 5.2 mm *0.205 in* spacing.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	4 connections	Grey ☐	ZP2.5-D1	1SNK605211R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		23 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

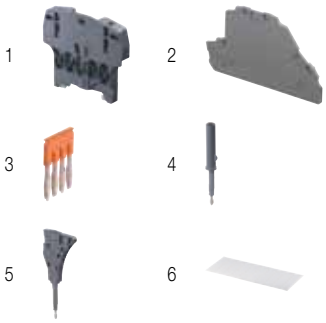
Mounting instructions

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.
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 CB RoHS USR CNR CSA Gost R

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey ■	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.2 mm	*0.087 in*		Dark grey ■	EP2.5-D2	1SNK605960R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	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
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey ■	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey ■	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Terminal block markers**	Blank card			White ☐	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White ☐	SAT5	1SNK900614R0000		5	6.00

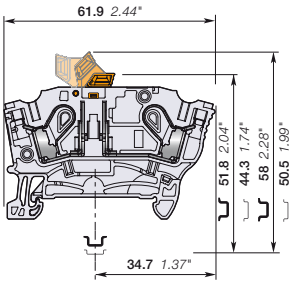
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162008S0201 - Rev. A

ZP2.5-S PI-Spring screwless terminal blocks
Disconnect with blade - with test sockets - 5.2 mm *0.205 in* spacing

ZP2.5-S



5.2 mm *0.205 in* spacing

Description

– Ease your disconnect operations with the disconnect knife blade operated by hand or with a screwdriver,
– Same profile as ZP2.5 feed-through terminal block for aligned marking and identical end section use.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	2 connections	Grey	ZP2.5-S	1SNK605310R0000		50	7.74
		Blue	ZP2.5-S-BL	1SNK605320R0000		50	7.74
		Orange	ZP2.5-S-OR	1SNK605330R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12*
Rated current / Rated cross section		20 A / 2.5 mm²	*18 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 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.
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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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.

Accessories

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	EP2.5	1SNK605910R0000		20	2.60
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Shield connectors**				SHBP	1SNK900601R0000		20	4.12
5	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Self adhesive strip			SAT5	1SNK900614R0000		5	6.00

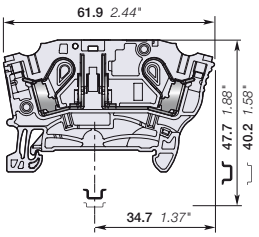
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162010S0201 - Rev. A

ZP2.5-SP PI-Spring screwless terminal blocks
Disconnect with plug - with test sockets - 5.2 mm *0.205 in* spacing

ZP2.5-SP



5.2 mm *0.205 in* spacing

Description
- Save time with our screwless component holder plug (delivered separately,
- Same profile as ZP2.5 feed-through terminal block for aligned marking and identical end section use.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	2 connections	Grey	ZP2.5-SP	1SNK605311R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		20 A / 2.5 mm²	*18 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 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.
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 USR CNR CSA Gost R

Accessories

	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm *0.205 in*	Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm *0.087 in*	Dark grey	EP2.5	1SNK605910R0000		20	2.60
3	**Component plugs**	Components in series with circuit	Dark grey	PG5	1SNK900401R0000		20	3.45
4	**Disconnect plugs**	Equipped with linking bar	Orange	PG5-R1	1SNK900402R0000		20	3.45
5	**Terminal block markers**	Blank card	White	MC512	1SNK140000R0000		22	9.00
				MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip	White	SAT5	1SNK900614R0000		5	6.00

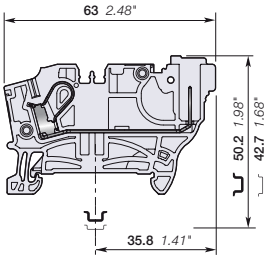
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162009S0201 - Rev. A

ZDP2.5-11 pluggable PI-Spring screwless terminal blocks
Feed-through - 5.2 mm *0.205 in* spacing

ZDP2.5-11



5.2 mm *0.205 in* spacing

Description

– Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks ZDP,
– They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
– They can then be easily connected through patchcords with C2.5-ZDP plugs connected to the ZDP pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	2 connections	Grey ☐	ZDP2.5-11	1SNK805011R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 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.
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 CB RoHS USR CNR CSA Gost R

Female plugs

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Plug	Grey ☐	C2.5-ZDP	1SNK805710R0000		50	4.40

Accessories

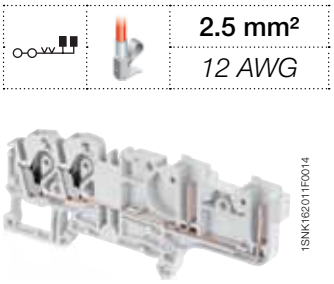
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*		Dark grey ■	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey ■	EP2.5	1SNK605910R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange ■	JB5-2	1SNK905302R0000		50	1.30
		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	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey ■	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey ■	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey ■	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Coding pegs**				Dark grey ■	COP-ZDP	1SNK900635R0000		10	0.20
8	**Locking devices**	10.4 mm *0.410 in* spacing			Black ■	VRD-5	1SNK900626R0000		20	0.20
9	**Terminal block markers**	Blank card			White ☐	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White ☐	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

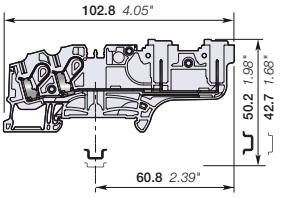
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162012S0201 - Rev. A

ZDP2.5-22 pluggable PI-Spring screwless terminal blocks
Feed-through - 5.2 mm *0.205 in* spacing



ZDP2.5-22



5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks ZDP,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with C2.5-ZDP plugs connected to the ZDP pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	4 connections	Grey	ZDP2.5-22	1SNK805012R0000		50	7.74

Main technical data

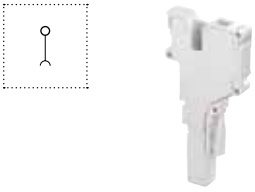
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 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.
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 CB RoHS USR CNR CSA Gost R



Female plugs

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Plug	Grey	C2.5-ZDP	1SNK805710R0000		50	4.40

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*		Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EDP2.5-22	1SNK805912R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	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	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Coding pegs**				Dark grey	COP-ZDP	1SNK900635R0000		10	0.20
8	**Locking devices**	10.4 mm *0.410 in* spacing			Black	VRD-5	1SNK900626R0000		20	0.20
9	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

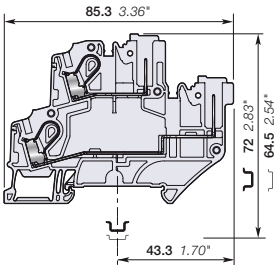
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162013S0201 - Rev. A

ZDP2.5-D2 pluggable PI-Spring screwless terminal blocks
Double deck with 2 feed-through circuits - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

ZDP2.5-D2



5.2 mm *0.205 in* spacing

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks ZDP,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with C2.5-ZDP plugs connected to the ZDP pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	4 connections	Grey ☐	ZDP2.5-D2	1SNK805210R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		22 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 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.
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 CB RoHS RoHS USR CNR CSA Gost R

Female plugs

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Plug	Grey ☐	C2.5-ZDP	1SNK805710R0000		50	4.40

Accessories

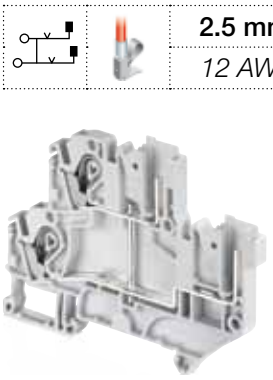
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey ■	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.2 mm	*0.087 in*		Dark grey ■	EDP2.5-D2	1SNK805960R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange ■	JB5-2	1SNK905302R0000		50	1.30
		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
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey ■	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey ■	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Coding pegs**				Dark grey ■	COP-ZDP	1SNK900635R0000		10	0.20
7	**Locking devices**	10.4 mm *0.410 in* spacing			Black ■	VRD-5	1SNK900626R0000		20	0.20
8	**Terminal block markers**	Blank card			White ☐	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White ☐	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

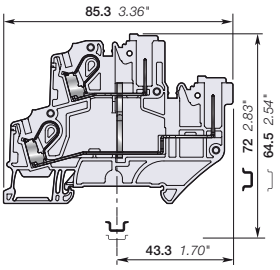
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162014S0201 - Rev. A

ZDP2.5-D1 pluggable PI-Spring screwless terminal blocks
Double deck with 1 feed-through circuit - 5.2 mm *0.205 in* spacing



ZDP2.5-D1



5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

Description

- Save in flexibility, reliability and simplicity thanks to the pluggable terminal blocks ZDP,
- They are particularly well adapted to solve the connecting problems of equipment composed of sub-assemblies (complex machines such as elevators or trains, panel boards with extension boxes...),
- They can then be easily connected through patchcords with C2.5-ZDP plugs connected to the ZDP pluggable terminal blocks outputs.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Double deck	4 connections	Grey	ZDP2.5-D1	1SNK805211R0000		50	7.74

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		22 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 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.
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 CB RoHS USR CNR CSA Gost R

Female plugs

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Plug	Grey	C2.5-ZDP	1SNK805710R0000		50	4.40

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EDP2.5-D2	1SNK805960R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	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
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Coding pegs**				Dark grey	COP-ZDP	1SNK900635R0000		10	0.20
7	**Locking devices**	10.4 mm *0.410 in* spacing			Black	VRD-5	1SNK900626R0000		20	0.20
8	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip			White	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

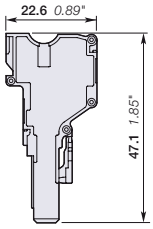
1SNK162015S0201 - Rev. A

C2.5-ZDP female plugs

5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

C2.5-ZDP



5.2 mm *0.205 in* spacing

Description

- No need to order pre-defined modules of plugs depending on the number of pluggable blocks to connect: you compose your own subsets of plugs from
- Unitary C2.5 ZDP simply by clipping,
- In order to avoid spacing loss between different modules on a single contiguous terminal assembly, use the plug C2.5 ZDP-R1 without outer nubs.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Plug	Grey ☐	C2.5-ZDP	1SNK805710R0000		50	4.40
Plug without outer nubs	Grey ☐	C2.5-ZDP-R1	1SNK805711R0000		50	4.40

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5-4 mm²	*20-12 AWG*
	Flexible	0.5-2.5 mm²	
	with non insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
	with insulated ferrule	0.5-2.5 mm²	*20-12 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		
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.
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

Accessories

1

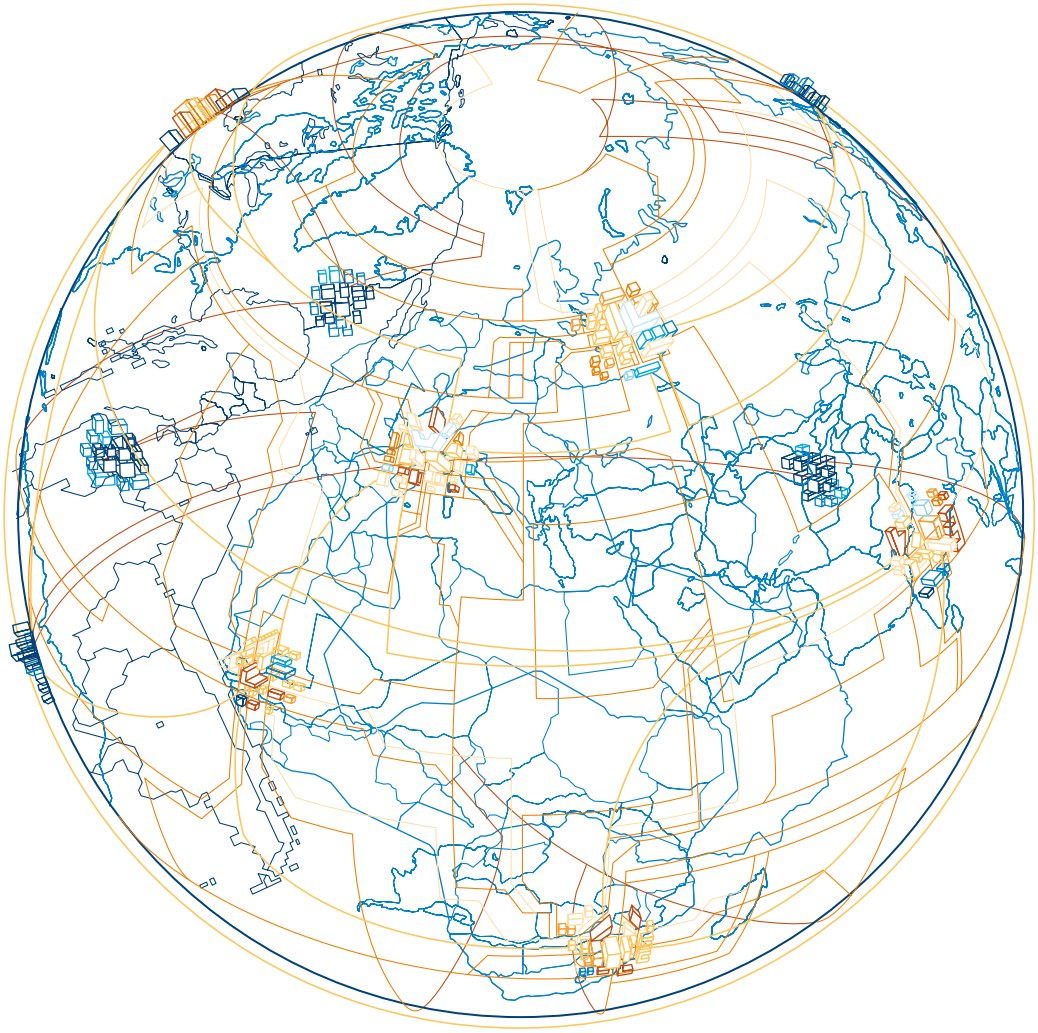
2

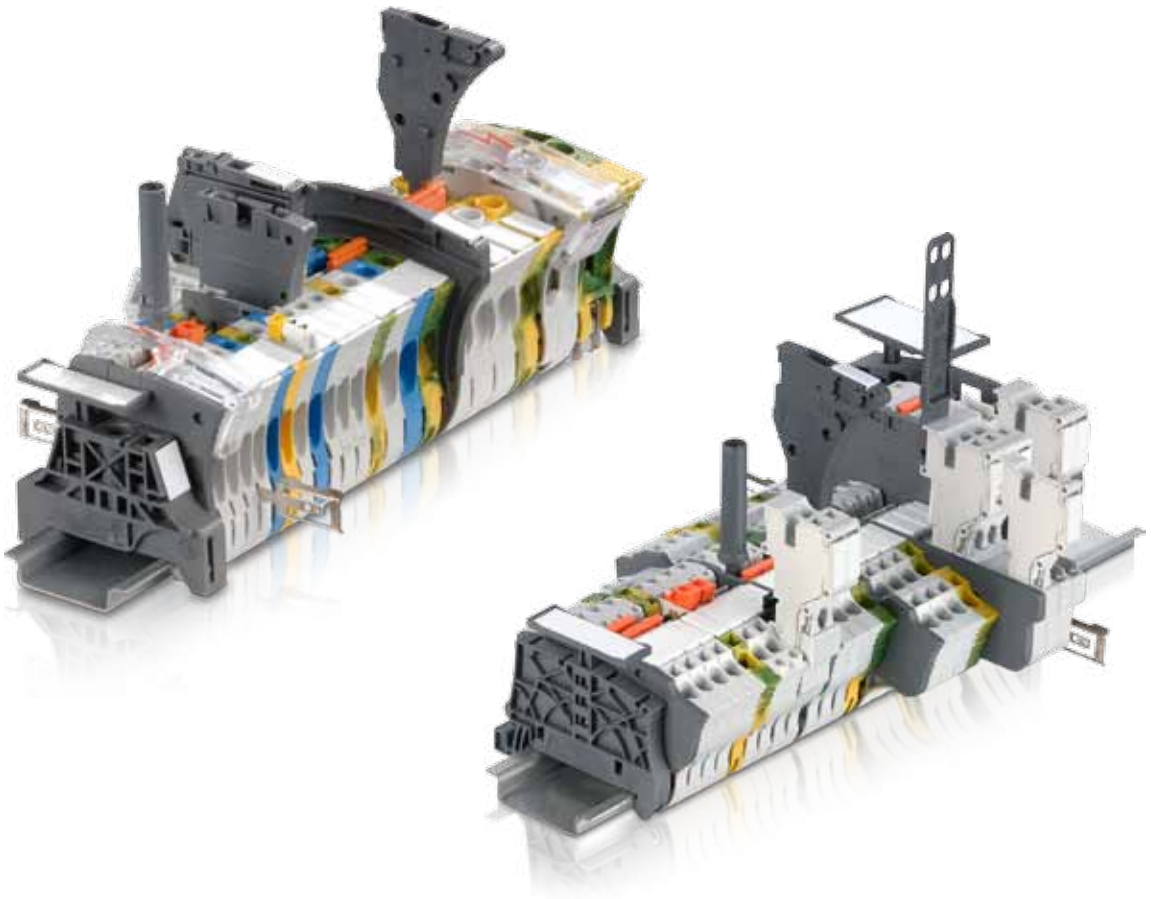
	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**Cable clamps**	Fit on two C2.5-ZDP plugs and on TC5 test connectors	Dark grey ■	PT-3	1SNK900625R0000		20	1.00
2	**Terminal block markers**	Blank card	White ☐	MC512	1SNK140000R0000		22	9.00
				MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder	Grey ☐	UMH	1SNK900611R0000		10	0.20
		Self adhesive strip	White ☐	SAT5	1SNK900614R0000		5	6.00

Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK162016S0201 - Rev. A





1SNK160016S0201 - Rev. A

SNK series, terminal blocks accessories

Accessories

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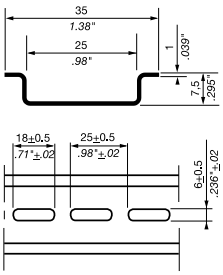
PR mounting rail
Terminal blocks accessories

PR30



2000 mm *78 in* spacing

Description

- Prepunched symmetrical mounting rail,
- The oblong 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	Order code		Pkg pce	Weight (1 pce) g
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		
	IEC	***UL - CSA***
Equivalent E-Cu cross section		

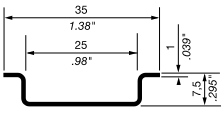
All the main technical data provided are "manufacturer" values.

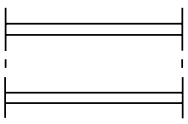
RoHS
RoHS

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 (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).

PR3.Z2





2000 mm *78 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	Order code		Pkg pce	Weight (1 pce) g
		PR3.Z2	1SNA174300R1700		2	

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	
	IEC	***UL - CSA***
Equivalent E-Cu cross section	16 mm²	*4 AWG*

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Mounting instructions

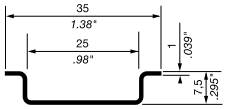
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing (1 mm *0.039 in* rail thickness only), fixing is recommended every 250 mm *9.84 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).

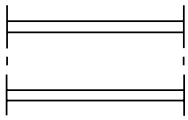
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160017S0201 - Rev. B

PR mounting rail
Terminal blocks accessories

PR3.G2





2000 mm *78 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	Order code	Pkg pce	Weight (1 pce) g
		PR3.G2	1SNA164800R0300	2	

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 mm²	*4 AWG*

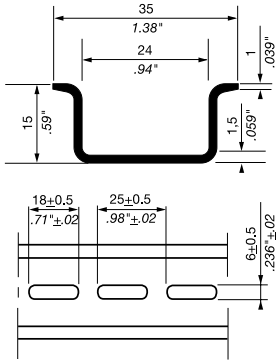
All the main technical data provided are "manufacturer" values.

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).

PR50



2000 mm *78 in* spacing

Description

- Prepunched symmetrical mounting rail,
- The oblong holes ease the mounting and allow to use existing and/or numerous fixings.

Ordering details

Description	Color	Type	Order code	Pkg pce	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		
	IEC	*UL - CSA*
Equivalent E-Cu cross section		

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Mounting instructions

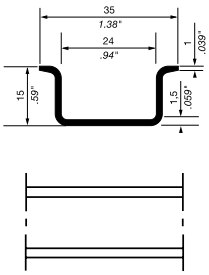
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing, fixing is recommended every 500 mm *19.7 in*;
- in order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160040S0201 - Rev. B

PR mounting rail
Terminal blocks accessories

PR5



2000 mm *78 in* spacing

Description

Symmetrical mounting rail.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
		PR5	1SNA168700R2200		2	

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		
	IEC	*UL - CSA*
Equivalent E-Cu cross section		

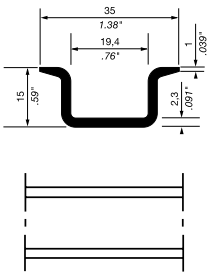
All the main technical data provided are "manufacturer" values.

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 500 mm *19.7 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.

PR4



2000 mm *78 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 any electrical devices.

Ordering details

Description	Color	Type	Order code		Pkg pce	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*
Equivalent E-Cu cross section	50 mm²	*0 AWG*

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Mounting instructions

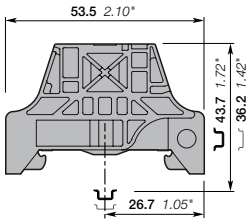
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing, fixing is recommended every 700 mm *27.6 in*;
- in order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160041S0201 - Rev. B

Screw end stops
Terminal blocks accessories

BAM3



10 mm *0.394 in* spacing

Mounting instructions

BAM3 screw end stops

Description

– Give efficient support to the SNK terminal blocks assemblies thanks to the BAM3 double gripping rail contact,
– Ease the assemblies identification with the BAM3 marking location compatible with all SNK markers and labels.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
10 mm *0.394 in* spacing	Dark grey	BAM3	1SNK900001R0000	50	13.80

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.

RoHS
RoHS

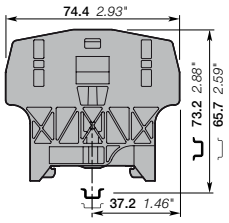
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		1.3 N.m ± 0.1 *11.44 lb.in ± 0.88*

Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC812	1SNK160000R0000	22	10.00
	In polyamide		MC812PA	1SNK169999R0000	20	14.00
Label holder	10 mm *0.394 in* width	Dark grey	LH	1SNK900605R0000	50	0.60
	19.5 mm *0.768 in* width		LH-R1	1SNK900607R0000	50	1.08
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000	10	0.20
Self adhesive strip	For 8 mm *0.315 in* spacing terminal blocks	White	SAT8	1SNK900616R0000	5	6.00

BAZH1



10 mm *0.394 in* spacing

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	Order code	Pkg pce	Weight (1 pce) g
10 mm *0.394 in* spacing	Dark grey	BAZH1	1SNK900102R0000	20	23.90

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*

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		1.3 N.m ± 0.1 *11.44 lb.in ± 0.88*

Accessories

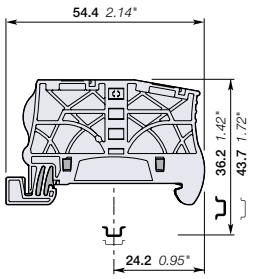
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Label holder	10 mm *0.394 in* width	Dark grey	LH	1SNK900605R0000	50	0.60
	19.5 mm *0.768 in* width		LH-R1	1SNK900607R0000	50	1.08

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160026S0201 - Rev. B

Screwless end stops
Terminal blocks accessories

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	Order code		Pkg pce	Weight (1 pce) g
5.2 mm *0.205 in* spacing	Dark grey	BAZ1	1SNK900002R0000		50	5.30

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

Rail		TH 35-7.5, TH 35-15
Tool		
Torque		

Accessories

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC512	1SNK140000R0000		22	9.00
	In polyamide		MC512PA	1SNK149999R0000		20	10.00
Label holder	10 mm *0.394 in* width	Dark grey	LH	1SNK900605R0000		50	0.60
	19.5 mm *0.768 in* width		LH-R1	1SNK900607R0000		50	1.08
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000		10	0.20

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160002S0201 - Rev. B

LH-R1

19.5 mm *0.768 in* spacing

LH-R1 label holders

Description

- Easily identify your terminal blocks assembly with white or yellow labels,
- Adjustable in height for best visibility,
- Compatible with all SNK end stops.

Mounting instructions

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
19.5 mm *0.768 in* width	Dark grey	LH-R1	1SNK900607R0000	50	1.08

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	Order code	Pkg pce	Weight (1 pce) g
Label	For LH-R1 label holder	White	MCLH-R1	1SNK900631R0000	25	10.00
		Yellow	MCLH-R1-YL	1SNK900634R0000	25	10.00

LH

10 mm *0.394 in* spacing

LH label holders

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	Order code	Pkg pce	Weight (1 pce) g
10 mm *0.394 in* width	Dark grey	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	Order code	Pkg pce	Weight (1 pce) g
Label	For LH label holder	White	MCLH	1SNK900630R0000	25	10.00
		Yellow	MCLH-YL	1SNK900633R0000	25	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

End sections
Terminal blocks accessories

ES4

2.2 mm *0.087 in* spacing

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	Order code	Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	ES4	1SNK505910R0000	20	2.18

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

ES4-D2

2.55 mm *0.100 in* spacing

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	Order code	Pkg pce	Weight (1 pce) g
2.55 mm *0.100 in* spacing	Dark grey	ES4-D2	1SNK505960R0000	20	4.10

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

ES4-SF

1.5 mm *0.059 in* spacing

ES4-SF end sections

Description

Compatible with fuse ZS4-SF1... and disconnect screw clamp terminal blocks ZS4-S-R3.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1.5 mm *0.059 in* spacing	Dark grey	ES4-SF	1SNK508960R0000	20	1.82

Main technical data

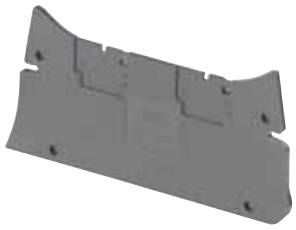
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature min/max	Service IEC 60068-2-1	-55 +110 °C	*-67 +230 °F*
	Storage	-55 +110 °C	*-67 +230 °F*
	Installing	-5 +40 °C	*-23 +104 °F*

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160022S0201 - Rev. B



ES10-ST

2 mm *0.079 in* spacing

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	Order code	Pkg pce	Weight (1 pce) g
2 mm *0.079 in* spacing	Dark grey	ES10-ST	1SNK508910R0000	20	3.52

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	Order code	Pkg pce	Weight (1 pce) g
Circuit separators	0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000	20	0.20

All the technical data for UL/CSA standard and dimensions in inches are in italic.

End sections
Terminal blocks accessories

EP2.5

2.2 mm *0.087 in* spacing

EP2.5 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 ZP2.5, ZP2.5-PE, ZP2.5-S and ZDP2.5-11 PI-Spring screwless terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	EP2.5	1SNK605910R0000	20	2.60

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

EP2.5-3P

2.2 mm *0.087 in* spacing

EP2.5-3P 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 ZP2.5-3P and ZP2.5-PE-3P PI-Spring screwless terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	EP2.5-3P	1SNK605911R0000	20	2.60

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

EP2.5-4P

2.2 mm *0.087 in* spacing

EP2.5-4P 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 ZP2.5-4P and ZP2.5-PE-4P PI-Spring screwless terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	EP2.5-4P	1SNK605912R0000	20	3.10

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

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160049S0201 - Rev. B

EP2.5-D2

2.2 mm *0.087 in* spacing

EP2.5-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 ZP2.5-D... PI-Spring screwless terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	EP2.5-D2	1SNK605960R0000	20	2.60

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

EDP2.5-22

2.2 mm *0.087 in* spacing

EDP2.5-22 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 ZDP2.5-22 PI-Spring screwless terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	EDP2.5-22	1SNK805912R0000	20	2.60

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

EDP2.5-D2

2.2 mm *0.087 in* spacing

EDP2.5-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 ZDP2.5-D... PI-Spring screwless terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	EDP2.5-D2	1SNK805960R0000	20	2.60

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

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160050S0201 - Rev. B

JB5 screwless jumper bars
Terminal blocks accessories

1SNK160143R0014

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.

Ordering details

Description		Color	Type	Order code		Pkg pce	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	36.10

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*	Ex e
Rated current		32 A	*30 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	Not authorized
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

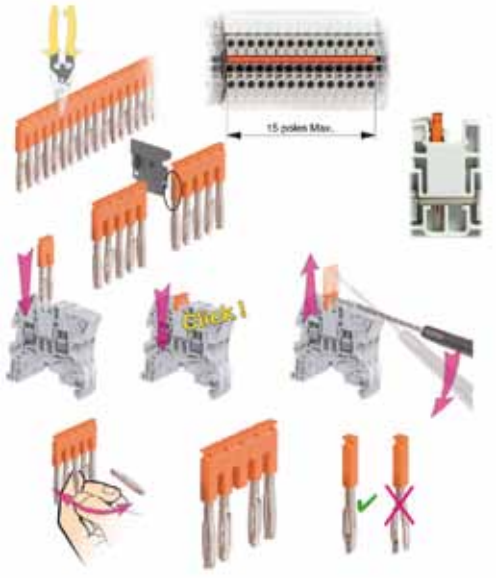
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Accessories

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Circuit separators	0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000		20	0.20

Mounting instructions



in explosive atmospheres, the use of jumper bars with cut extremities and cut poles is not authorized;

in industrial use: additional accessories must be installed on the cut side of the jumper bar with cut extremities:

– circuit separator CS when mounted on feed-through or ground terminal blocks,
– circuit separator CS-R1 when mounted on disconnect terminal blocks,
– end section ES4-D2 when mounted on double deck terminal blocks.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160027S0201 - Rev. B

JB6 screwless jumper bars
Terminal blocks accessories

1SNK160143R0014

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.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
6 mm *0.236 in* spacing	2 poles	Orange	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

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***	**Ex e**
Rated current		41 A	*30 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	Not authorized
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

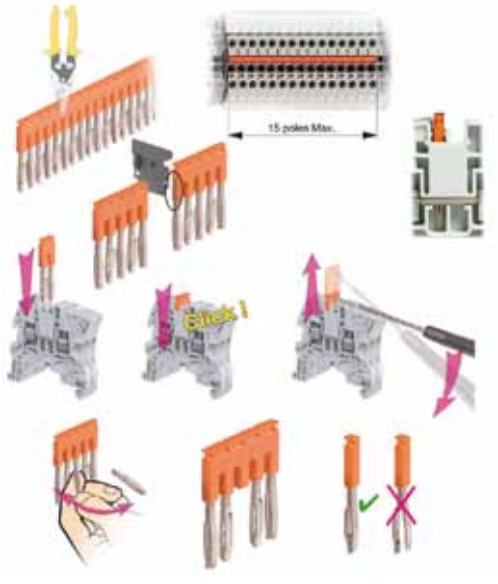
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Accessories

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Circuit separators	0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000		20	0.20

Mounting instructions



In explosive atmospheres, the use of jumper bars with cut extremities and cut poles is not authorized;

in industrial use: additional accessories must be installed on the cut side of the jumper bar with cut extremities:

- circuit separator CS when mounted on feed-through or ground terminal blocks,
- circuit separator CS-R1 when mounted on disconnect terminal blocks,
- end section ES4-D2 when mounted on double deck terminal blocks.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160029S0201 - Rev. B

JB8 screwless jumper bars
Terminal blocks accessories

4

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.

Ordering details

Description		Color	Type	Order code		Pkg pce	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*

		IEC	*UL - CSA*	Ex e
Rated current		57 A	*42 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	Not authorized
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

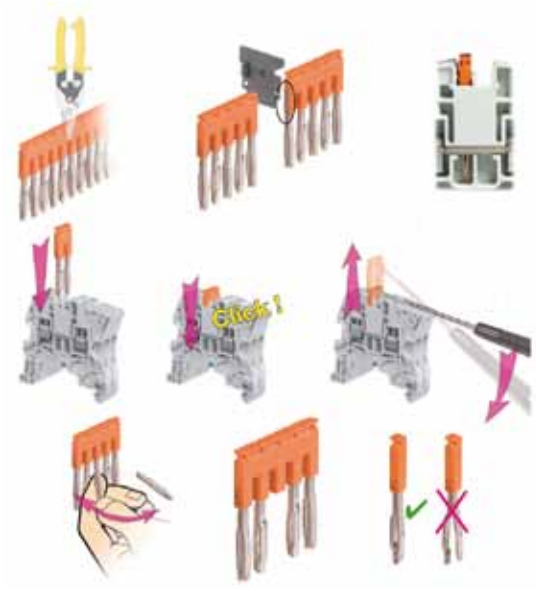
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Accessories

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Circuit separators	0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000		20	0.20

Mounting instructions



In explosive atmospheres, the use of jumper bars with cut extremities and cut poles is not authorized;

in industrial use: additional accessories must be installed on the cut side of the jumper bar with cut extremities:

– circuit separator CS when mounted on feed-through or ground terminal blocks.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160030S0201 - Rev. B

JB10 screwless jumper bars
Terminal blocks accessories

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.

Ordering details

Description		Color	Type	Order code	Pkg pce	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*	
		IEC	*UL - CSA*	Ex e
Rated current		76 A	*67 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	Not authorized
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

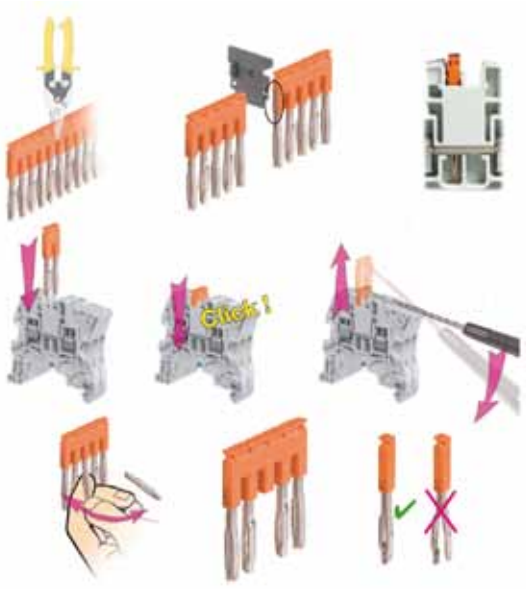
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Circuit separators	0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000	20	0.20

Mounting instructions



In explosive atmospheres, the use of jumper bars with cut extremities and cut poles is not authorized;

in industrial use: additional accessories must be installed on the cut side of the jumper bar with cut extremities:

- circuit separator CS when mounted on feed-through or ground terminal blocks.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

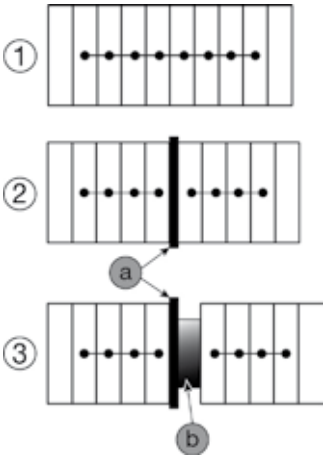
1SNK160031S0201 - Rev. B

JB8 screw jumper bars
Terminal blocks accessories

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	Order code		Pkg pce	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

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		50 A	*51 A*
Rated voltage	Standard use	160 V	
	Alternated poles		
Impulse withstand voltage			
Protection		IP20	*NEMA 1*

All the main technical data provided are "manufacturer" values.

RoHS

Mounting instructions

Rail		
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.7 N.m ± 0.1 *6.2 lb.in ± 0.88*

Ex e
Not authorized

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161061S0201

Screw jumper bars
Terminal blocks accessories

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	Order code	Pkg pce	Weight (1 pce) g
16 mm *0.630 in* spacing	2 poles	Orange	JB16-2	1SNK916302R0000	10	10.20
	3 poles		JB16-3	1SNK916303R0000	10	16.00
	4 poles		JB16-4	1SNK916304R0000	10	21.80
	5 poles		JB16-5	1SNK916305R0000	10	27.60
	10 poles		JB16-10	1SNK916310R0000	10	56.60

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*	Ex e
Rated current		125 A		
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Alternated poles			Not authorized
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

All the main technical data provided are "manufacturer" values.

RoHS

Mounting instructions

Rail		
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		1.2 N.m ± 0.1 *10.6 lb.in ± 0.885*

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.

JB22 jumper bars

Description

Screw jumper bars.

Ordering details

Description		Color	Type	Order code	Pkg pce	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		
	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*

		IEC	*UL - CSA*	Ex e
Rated current		192 A	*175 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Alternated poles			Not authorized
Impulse withstand voltage		8000 V		
Protection			*NEMA*	

All the main technical data provided are "manufacturer" values.

RoHS

Mounting instructions

Rail		
Tool		Allen key Ø 4 mm *Ø 0.157 in*
Torque		2 N.m ± 0.4 *17.7 lb.in ± 3.54*

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160032S0201 - Rev. B

Screw jumper bars
Terminal blocks accessories

JB26

26 mm *1.024 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.

4

JB26 jumper bars

Description

Screw jumper bars.

Ordering details

Description		Color	Type	Order code		Pkg pce	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

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*

		IEC	*UL - CSA*
Rated current		232 A	*230 A*
Rated voltage	Standard use	1000 V	*600 V*
	Alternated poles		
Impulse withstand voltage		8000 V	
Protection			*NEMA*

All the main technical data provided are "manufacturer" values.

Mounting instructions

Rail		
Tool		Allen key Ø 4 mm *Ø 0.157 in*
Torque		2 N.m ± 0.4 *17.7 lb.in ± 3.54*

Ex e
630 V
Not authorized

RoHS
RoHS

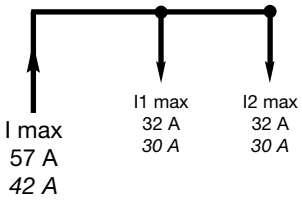
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160034S0201 - Rev. B

JB85

8 mm *0.315 in* spacing

Mounting instructions



(I1 + I2) cannot exceed 57A

JB85 cross spacing jumpers

Description

Allows power distribution between 8 mm *0.315 in* and 5.2 mm *0.205 in* spacing feed-through terminal blocks.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
8 mm *0.315 in* to 5.2 mm *0.205 in* spacing	3 poles	Orange	JB85-3	1SNK900603R0000		10	2.80

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*	Ex e
Rated current		32 A	*30 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	Not authorized
	Cut poles	630 V	*300 V*	Not authorized
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

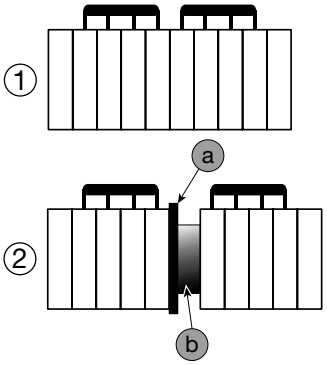
All the technical data for UL/CSA standard and dimensions in inches are in italic.

PC8 lateral jumper bars
Terminal blocks accessories

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

Description

IP20 comb jumper bars:

– Direct insertion in the screw clamp before tigtening the screws, above the eventual conductor,

– Available in pre-cut poles for test disconnect terminal blocks applications.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
PC8 lateral jumper bars							
8 mm *0.315 in* spacing	2 poles	Black ■	PC8-2	1SNA116538R1700		10	3.00
	3 poles		PC8-3	1SNA116539R1000		10	4.00
	4 poles		PC8-4	1SNA116540R2500		10	6.00
	10 poles		PC8-10	1SNA163313R2400		10	14.00
PC8 lateral jumper bars pre-cut poles							
8 mm *0.315 in* spacing	4/6 poles	Black ■	PC8-R1	1SNA400711R0600		10	6.60
	4/8 poles		PC8-R2	1SNA400712R0700		10	7.84
	4/10 poles		PC8-R3	1SNA400713R0000		10	9.00
	3/4 poles		PC8-R4	1SNA400724R0300		10	4.50

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*

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161060S0201

1SNK160221F0014

SC-JB8

8 mm *0.315 in* spacing

SC-JB8 short circuit bridges

Description

- Allow safe short-circuiting of Current Tranformers circuits,
- Insulated,
- Fully operated by screwdriver,
- Short circuited position secured thanks to AJS9 tightening,
- Adapted hook shape maintains the bridge on the terminal block in the non short-circuited position.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
8 mm *0.315 in* spacing	2 poles	Yellow	SC-JB8-2	1SNK900652R0000	25	2.00
	3 poles		SC-JB8-3	1SNK900653R0000	25	3.40
	4 poles		SC-JB8-4	1SNK900654R0000	25	4.70
	3/5 poles		SC-JB8-5	1SNK900655R0000	25	4.70

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

4

1SNK161063S0201

All the technical data for UL/CSA standard and dimensions in inches are in italic.

Circuit separators
Terminal blocks accessories

CS

0 mm *0 in* spacing

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 mm² *4 AWG*,
- Without spacing loss.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000		20	0.20

Main technical data

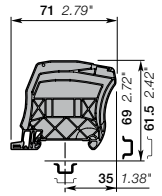
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature min/max	Service IEC 60068-2-1	-55 +110 °C	*-67 +230 °F*
	Storage	-55 +110 °C	*-67 +230 °F*
	Installing	-5 +40 °C	*-23 +104 °F*

All the main technical data provided are "manufacturer" values.

RoHS

Mounting instructions

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 mm² *0 AWG*,
- Intermediate cover holder for CO protective cover,
- Mounting on DIN3-TH35 rail.

Ordering details

Description	Color	Type	Order code		Pkg pce	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

Mounting instructions

Accessories

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC512	1SNK140000R0000		22	9.00
	In polyamide		MC512PA	1SNK149999R0000		20	10.00
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000		10	0.20
Self adhesive strip	For 5.2 mm *0.205 in* spacing terminal blocks	White	SAT5	1SNK900614R0000		5	6.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160018S0201 - Rev. B

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	Order code	Pkg pce	Weight (1 pce) g
For test plugs DIA 2 mm *0.079 in*	Dark grey	TP2	1SNK900203R0000	20	1.73

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	10 A		
Rated voltage	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

TP4

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 insulated or non isolated test plugs DIA 4 mm *0.160 in*,
- Withstand more than 10000 operations according to ABB test standards.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
For test plugs DIA 4 mm *0.160 in*	Dark grey	TP4	1SNK900205R0000	20	2.41

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	16 A		
Rated voltage	1000 V	*600 V*	Not authorized
Impulse withstand voltage	8000 V		
Protection	IP20	*NEMA 1*	

All the main technical data provided are "manufacturer" values.

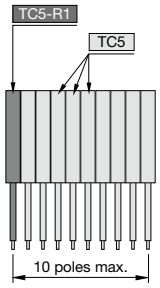
RoHS
RoHS

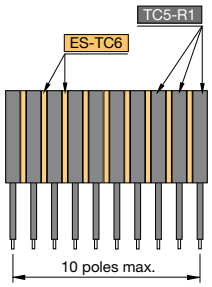
All the technical data for UL/CSA standard and dimensions in inches are in italic.

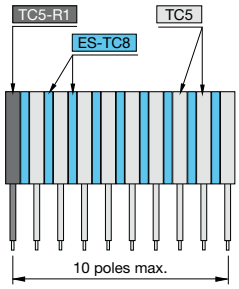
1SNK160036S0201 - Rev. B

TC5 test connectors
Terminal blocks accessories

5.2 mm *0.205 in* spacing







PT3.

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

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2-1.5 mm²	
	Flexible	0.22-1.5 mm²	
	with non insulated ferrule		
	with insulated ferrule	0.22-1.5 mm²	
	Gauge	A1-B1	
2 conductors per clamp	Rigid - Solid / Stranded	0.2-0.75 mm²	
	Flexible	0.22-0.75 mm²	
	with twin ferrule	0.22-0.75 mm²	
Rated current / Rated cross section		16 A / 1.5 mm²	
Rated short-time withstand current (1s)		180 A	
Rated voltage		1000 V	
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		
Wire stripping length		8 mm *0.315 in*
Tool		Flat screwdriver Ø 2.5 mm *Ø 0.098 in*
Torque		0.5 N.m ± 0.1 *3.43 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. 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	V0	
	NF F 16 101		
Ambient temperature	Service	-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	Order code	Pkg pce	Weight (1 pce) g
Test connectors	5.2 mm *0.205 in* spacing	Dark grey ■	TC5	1SNK900200R0000	10	5.23
	End module, 5.2 mm *0.205 in*		TC5-R1	1SNK900201R0000	10	5.23

Ordering details

Test connectors for 6 mm *0.236 in* spacing terminal blocks

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Test connectors	5.2 mm *0.205 in* spacing	Dark grey ■	TC5	1SNK900200R0000	10	5.23
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	Order code	Pkg pce	Weight (1 pce) g
Test connectors	5.2 mm *0.205 in* spacing	Dark grey ■	TC5	1SNK900200R0000	10	5.23
	End module, 5.2 mm *0.205 in*		TC5-R1	1SNK900201R0000	10	5.23
Spacers	2.8 mm *0.110 in* spacing		ES-TC8	1SNK900104R0000	10	1.35

Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Cable clamps	Fit on two C2.5-ZDP plugs and on TC5 test connectors	Dark grey ■	PT-3	1SNK900625R0000	20	1.00
Blank card	In polycarbonate	White □	MC512	1SNK140000R0000	22	9.00
	In polyamide		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey □	UMH	1SNK900611R0000	10	0.20
Self adhesive strip	For 5.2 mm *0.205 in* spacing terminal blocks	White □	SAT5	1SNK900614R0000	5	6.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK160042S0201 - Rev. B

1SNC160114F0014

AJS9

6.4 mm *0.252 in* spacing

AJS9 test sockets

Description

– Insulated test sockets,
– Six colors available for circuit identification,
– Compatible with standard DIA 4 mm *0.157 in* test plugs:
  - insulated (according to IEC 60101-031)
  - not insulated (with mobile protection).

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
For test plug DIA 4 mm *0.157 in*	Yellow	AJS9	1SNA179726R0200		25	3.60
	Black	AJS9-1	1SNA206680R1500		25	3.60
	Green	AJS9-2	1SNA206681R0200		25	3.60
	Grey	AJS9-3	1SNA206682R0300		25	3.60
	Blue	AJS9-4	1SNA206683R0400		25	3.60
	Red	AJS9-5	1SNA206720R1400		25	3.60

Main technical data

Material specifications	Insulating material	Polyamide		Rail		
	Flammability	V0				
	NF F 16 101	I2F3		Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
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*	Torque		0.4 - 0.6 N.m *3.5 - 5.3 lb.in*

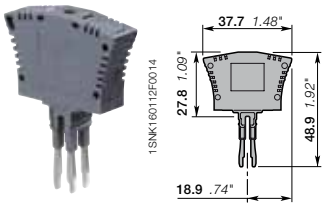
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161064S0201

PG5-R2 component plugs
Terminal blocks accessories



PG5-R2

9.95 mm *0.392 in* spacing

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, varistors,
- Direct plug-in into the terminal blocks jumper channels,
- Maximum dissipatived power: 2 W.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Components insertion between 2 blocks	Dark grey	PG5-R2	1SNK900403R0000	20	8.01

Main technical data

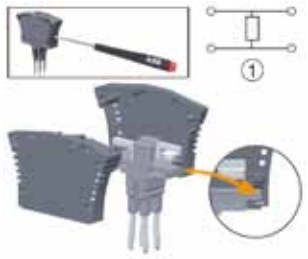
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature min/max	Service IEC 60068-2-1	-55 +110 °C	*-67 +230 °F*
	Storage	-55 +110 °C	*-67 +230 °F*
	Installing	-5 +40 °C	*-23 +104 °F*

	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

Mounting instructions



Open the PG5-R2 with a flat screwdriver 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.

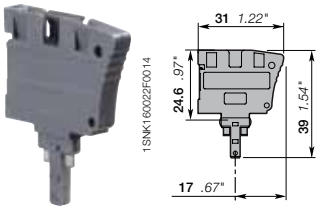
1 - Component installed in parallel with two circuits

Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC512	1SNK140000R0000	22	9.00
	In polyamide		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000	10	0.20
Self adhesive strip	For 5.2 mm *0.205 in* spacing terminal blocks	White	SAT5	1SNK900614R0000	5	6.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160039S0201 - Rev. B



PG5

5.2 mm *0.205 in* spacing

Mounting instructions

Direct plug-in in disconnect with plug terminal block

1 - Component installed in series with circuit

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 dissipatived power: 1 W.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Components in series with circuit	Dark grey	PG5	1SNK900401R0000	20	3.45

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*

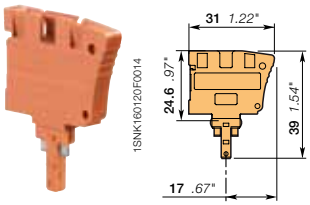
	IEC	*UL - CSA*
Rated current		
Rated voltage	400 V	*150 V*
Impulse withstand voltage	6000 V	
Protection	IP20	*NEMA 1*

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC512	1SNK140000R0000	22	9.00
	In polyamide		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000	10	0.20
Self adhesive strip	For 5.2 mm *0.205 in* spacing terminal blocks	White	SAT5	1SNK900614R0000	5	6.00



PG5-R1

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	Order code	Pkg pce	Weight (1 pce) g
Equipped with linking bar	Orange	PG5-R1	1SNK900402R0000	20	3.45

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
RoHS

Accessories

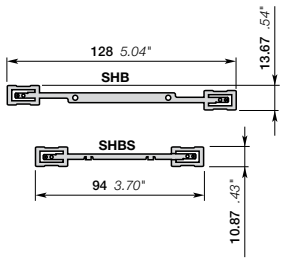
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC512	1SNK140000R0000	22	9.00
	In polyamide		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000	10	0.20
Self adhesive strip	For 5.2 mm *0.205 in* spacing terminal blocks	White	SAT5	1SNK900614R0000	5	6.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160037S0201 - Rev. B

Shield connectors
Terminal blocks accessories

SHBS/SHB



SHBS/SHB shield connectors for screw clamp 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	Order code		Pkg pce	Weight (1 pce) g
Compatible with ZS feed-through terminal blocks		SHBS	1SNK900600R0000		20	3.50
Compatible with ZS double deck terminal blocks		SHB	1SNK900602R0000		20	4.90

Main technical data

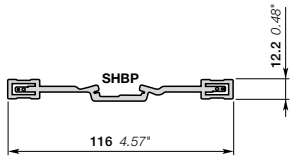
Material specifications	Insulating material					
	Flammability					
	NF F 16 101					
Ambient temperature min/max	Service IEC 60068-2-1	-55 +110 °C	*-67 +230 °F*			
	Storage	-55 +110 °C	*-67 +230 °F*			
	Installing	-5 +40 °C	*-23 +104 °F*			

SHBS	IEC	*UL - CSA*	Ex e
Rated voltage	320 V		125 V

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

SHBP



SHBP shield connectors for PI-Spring screwless 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	Order code		Pkg pce	Weight (1 pce) g
Compatible with ZP2.5 and ZP2.5-S terminal blocks		SHBP	1SNK900601R0000		20	4.12

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*			

SHBP	IEC	*UL - CSA*	Ex e
Rated voltage	100 V		

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Accessories for screw clamp and PI-Spring screwless terminal blocks

Description		Color	Type	Order code		Pkg pce	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.

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160044S0201 - Rev. B

PL protecting covers
Terminal blocks accessories

PL

Description

– Prohibit access to the screw clamps,
– Indicate live circuits.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
5.2 mm *0.205 in* spacing	Transparent	PL5	1SNK900618R0000		10	1.50
6 mm *0.236 in* spacing		PL6	1SNK900619R0000		10	1.84
8 mm *0.315 in* spacing		PL8	1SNK900620R0000		10	2.55
10 mm *0.394 in* spacing		PL10	1SNK900621R0000		10	3.13
16 mm *0.630 in* spacing		PL16	1SNK900622R0000		10	4.60

Mounting instructions

The mounting of the PL does not require a screwdriver.

The dismounting of the PL requires a screwdriver DIA .4 mm *0.160 in*, the screwdriver must be positioned in the cover centered hole.

Main technical data

Material specifications	Insulating material	Polycarbonate	
	Flammability	V2	
	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
RoHS

Mounting instructions

Rail		
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		

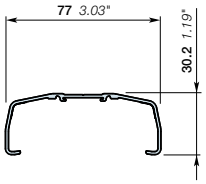
4

1SNK160021S0201 - Rev. B

All the technical data for UL/CSA standard and dimensions in inches are in italic.

Protecting covers
Terminal blocks accessories

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 mm² *0 AWG*.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 m *39.4 in* length	Transparent	CO	1SNK900604R0000	1	300.00

Main technical data

Material specifications	Insulating material	PVC	
	Flammability	V0	
	NF F 16 101		
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
RoHS

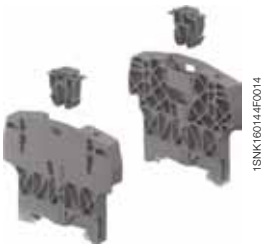
Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Protecting cover kits	Mounting kit for cover CO	Dark grey	KCO	1SNK900624R0000	1	47.80
Label		White	PAM43020	1SNA235106R2600	20	27.80

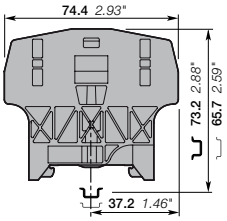
Mounting instructions

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.



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	Order code	Pkg pce	Weight (1 pce) g
Mounting kit for cover CO	Dark grey	KCO	1SNK900624R0000	1	47.80

Main technical data

Material specifications	Insulating material	Polyamide	
	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*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160045S0201 - Rev. B

TO screwdrivers
PS crimping tools
Terminal blocks accessories

1SNK160129F0014

TO

Description

Flat head screwdriver.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
screwdriver 3.5 x 50 mm 0.138 x *1.97 in*		TO3.5-50	1SNK900640R0000		1	21.60
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
Insulated screwdriver 3.5 x 75 mm 0.138 x *2.95 in*		TO3.5-75-INS	1SNK900644R0000		1	37.00

1SNK160127F0014

PS-3

Description

– Crimp flexible conductors equipped with ferrules from 0.08 to 10 mm² *28 AWG* to *7 AWG*,
– Semi-automatic crimping tool.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
180 mm *7.09 in* length		PS-3	1SNK900650R0000		1	380.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

COP-ZDP

Mounting instructions

COP coding pegs

Description

– The coding peg is positioned on the block and prevents the connexion of the plug in it,
– This is useful on complex sets when you want to assign a terminal assembly with a single plugs module and avoid connection errors.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
	Dark grey	COP-ZDP	1SNK900635R0000	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*

All the main technical data provided are "manufacturer" values.

RoHS

VR

10.4 mm *0.410 in* spacing

Mounting instructions

VR locking devices

Description

– Positive locking mechanism,
– Secure: opening and closing position only possible with a screwdriver,
– Lock safely one or two C2.5-ZDP plugs on ZDP pluggable terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
10.4 mm *0.410 in* spacing	Black	VRD-5	1SNK900626R0000	20	0.20

Main technical data

Material specifications	Insulating material	Polyamide	
	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*

All the main technical data provided are "manufacturer" values.

RoHS

PT

10.4 mm *0.410 in* spacing

Mounting instructions

PT cable clamps

Description

– Secure the cable,
– Protect the connections against wire tearing,
– Remove the plug more easily,
– Fit on two C2.5-ZDP plugs and on TC5 test connectors.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fit on two C2.5-ZDP plugs and on TC5 test connectors	Dark grey	PT-3	1SNK900625R0000	20	1.00

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*

All the main technical data provided are "manufacturer" values.

RoHS

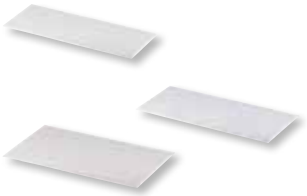
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160052S0201 - Rev. B

Notes

1SNK160046S0201 - Rev. A

SNK series, marking solutions



Marking systems

AMS 500 marking table 130

HTP500 thermal transfer printer 131

Terminal block markers

MC512

Blank card 132

MC512PA

Pre-printed marker card for horizontal terminal block assembly 133

MC512PA

Pre-printed marker card for vertical terminal block assembly 134

MC612

Blank card 137

MC612PA

Pre-printed marker card for horizontal terminal block assembly 138

MC612PA

Pre-printed marker card for vertical terminal block assembly 140

MC812

Blank card 142

MC812PA

Pre-printed marker card for horizontal terminal block assembly 143

MC812PA

Pre-printed marker card for vertical terminal block assembly 145

SAT5 - SAT6 - SAT8

Self adhesive strip 147

UMH

Universal wire markers holder 148

MCLH

Label 148

1SNK160046S0201 - Rev. A

AMS 500 marking table
Marking system

AMS 500

SPRC 21

Plotter accessories

Description

– Easy to use,
– Compatible with most markers on the market,
– Many possible character sizes.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Full kit including: 1 marking table 1 power supply cable, 1 parallel cable, 1 software			AMS 500 KIT	1SNA360000R2400		1	12600
1 support plate for 8 cards RC/MC/RCTT/WMTT/ BA4/RCT - Full format			SPRC 1	1SNA360010R1500		1	220
1 plotter pen Ø 0.25 mm *.01 in*		White	AMS PEN 0.25	1SNA360100R2500		1	
1 plotter pen Ø 0.35 mm *.014 in*		Yellow	AMS PEN 0.35	1SNA360101R1200		1	
5 ink cartridges			AMS INK CARTRIDGES	1SNA360150R2600		1	
1 cleaner fluid			AMS CLEANER FLUID	1SNA360155R1700		1	
1 cleaner kit			AMS CLEANER KIT	1SNA360156R1000		1	

Support plates for ABB markers

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Support plates for	RC/MC/RCTT/WMTT/BA4/ RCT Full format		SPRC 1	1SNA360010R1500		1	220
	RB strips		SPRC 4	1SNA360014R0500		1	
	RTM7-9		SPRC 5	1SNA360015R0600		1	
	PIB		SPRC 13	1SNA360023R0600		1	
	BA5-50		SPRC 14	1SNA360024R0700		1	
	RC-X10A		SPRC 15	1SNA360025R0000		1	
	2 RC cards		SPRC 16	1SNA360026R0100		1	
	WM markers		SPRC 26	1SNA360036R0300		1	
	PAM strip		SPRC 27	1SNA360037R0400			
	RPCV markers		SPRC 28	1SNA360040R2300		1	
	RCL, P, W510		SPRC 29	1SNA360038R1500		1	
	MC... PA		SPRC 30	1SNA360039R1600		1	
A4 universal support plate			SPRC 21	1SNA360031R0600		1	851

Support plates for other markers

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Support plates for markers	Wieland		SPRC 6	1SNA360016R0700		1	
	Weidmüller		SPRC 7	1SNA360017R0000		1	
	Phoenix ZBM 5/6		SPRC 8	1SNA360018R1100		1	
	Phoenix ZB		SPRC 9	1SNA360019R1200		1	
	Allen Bradley WRZ		SPRC 10	1SNA360020R1700		1	
	Wago mini WSB5		SPRC 11	1SNA360021R0400		1	

Accessories

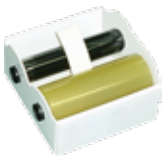
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Plotter pen	Ø 0.18 mm *.007 in*	Red	AMS PEN 0.18	1SNA360103R1400		1	
	Ø 0.25 mm *.01 in*	White	AMS PEN 0.25	1SNA360100R2500		1	
	Ø 0.35 mm *.014 in*	Yellow	AMS PEN 0.35	1SNA360101R1200		1	
	Ø 0.50 mm *.02 in*	Brown	AMS PEN 0.50	1SNA360104R1500		1	
	Ø 0.70 mm *.028 in*	Blue	AMS PEN 0.70	1SNA360105R1600		1	
	Ø 1.00 mm *.039 in*	Orange	AMS PEN 1.00	1SNA360106R1700		1	
Disposable plotter pen	Ø 0.25 mm *.01 in*	White	DISPOSABLE AMS PEN 0.25	1SNA360120R1000		1	
	Ø 0.35 mm *.014 in*	Yellow	DISPOSABLE AMS PEN 0.35	1SNA360121R0500		1	
5 ink cartridges 1ml			AMS INK CARTRIDGES	1SNA360150R2600		1	
2 cleaner fluid bottles, 10ml			AMS CLEANER FLUID	1SNA360155R1700		1	
Cleaner kit including: 1 rinse bottle and 1 blotting paper			AMS CLEANER KIT	1SNA360156R1000		1	
Pen			HAND PEN	1SNA360107R1000		1	
Dust cover			DUST COVER	1SNA360161R1500		1	
Service kit for pen maintenance			SERVICE KIT FOR AMS 500	1SNA360162R1600		1	
Self-adhesive support for support plate SPRC 1			SPDST1	1SNA360163R1700		1	
5 black felt tips	Ø 0.3 mm *.012 in*		AMS BLACK TIP 0.3	1SNA360122R0600		1	
Black, red, blue green felt tips	Ø 0.3 mm *.012 in*		AMS COLOR TIP 0.3	1SNA360123R0700		1	
Plotter head for AMS 500 including 1 printing module, 1 pen holder and 1 dust cover			PEN HOLDER	1SNA360098R1200		1	

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160014S0201

HTP500 thermal transfer printer
Marking system

HTP500



HTP500-FEED

HTP500-FEED

HTP500-PL2

RIB-B

HTP500

Description

- Excellent print quality, resolution: 300 dpi,
- Fast printing: up to 5,000 markers per hour,
- Excellent marking durability,
- Ease and flexibility of use in automatic, semi-automatic or manual mode.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Full kit including:		HTP500 KIT	1SNA235700R1500			
- 1 HTP500 thermal transfer printer		HTP500				
- software for HTP500 thermal transfer printer		HTS500	1SNA235702R0300		1	
- support table		HTP500-BAS	1SNA235706R0700		1	
- 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	
- black ribbon cassette		RIB-B	1SNA235710R0600		3	
- cleaning cassette		HTP500-CLEAN	1SNA235714R2600		1	
- power supply cable		HTP500-PW	1SNA235709R1200		1	
- parallel cable		HTP500-LPT	1SNA235708R1100		1	
- USB/parallel adapter cable		HTP500-USB	1SNA235719R0300		1	
- wooden box for HTP500 kit		HTP500-WB	1SNA235717R2100		1	

Feeders and support plates

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Universal feeder for marker cards		HTP500-FEED	1SNA235703R0400		1	
Support plate for ABB terminal block markers		HTP500-PL2	1SNA235705R0600		1	

Accessories

Description	Color	Type	Order code		Pkg pce	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	
Power supply cable		HTP500-PW	1SNA235709R1200		1	
Parallel cable		HTP500-LPT	1SNA235708R1100		1	
USB/parallel adapter cable		HTP500-USB	1SNA235719R0300		1	
Dust cover for HTP500 and AMS 500 systems		DUST COVER	1SNA360161R1500		1	
Wooden box for HTP500 kit		HTP500-WB	1SNA235717R2100		1	

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160015S0201

MC512 terminal block markers
Blank card in polycarbonate or polyamide

MC512

5.2 mm *0.205 in* spacing

AMS 500

HTP500

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*).

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	45	White ☐	MC512	1SNK140000R0000		22	9.00
		Yellow ☐	MC512-YL	1SNK140004R0000		22	9.00

Main technical data

Material	Flammability	Maximum printed digits				Dimensions mm	Dimensions *inches*
Polycarbonate	V0	Horizontal	3	Vertical	8	4.8 x 12	*0.189 x 0.472*

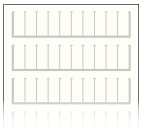
Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00
Thermal transfer printer	HTP500 KIT	1SNA235700R1500		1	16000.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for RC, MC, RCTT, WMTT, BA4 and RCT marker cards (AMS 500)	SPRC 1	1SNA360010R1500		1	220.00
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600		1	291.00

MC512PA



5.2 mm *0.205 in* spacing

AMS 500

MC512PA terminal block markers

Description

- MC512PA marker card in polyamide to be marked on AMS 500 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*).

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	100	White ☐	MC512PA	1SNK149999R0000		20	10.00

Main technical data

Material	Flammability	Maximum printed digits				Dimensions mm	Dimensions *inches*
Polyamide	V2	Horizontal	3	Vertical	8	4.8 x 12	*0.189 x 0.472*

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for MC PA marker cards (1 MC PA marker card per plate and up to 4 plates per AMS 500 marking table)	SPRC 30	1SNA360039R1600		1	300.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160003S0201

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	Maximum printed digits		Dimensions	
				mm	*inches*
Polyamide	V2	Horizontal	Vertical	4.8 x 12	*0.189 x 0.472*

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
0->9 (x10)	100	White ☐	MC512PA	1SNK140091R0000		1	10.00
1->10 (x10)	100	White ☐	MC512PA	1SNK140011R0000		1	10.00
11->20 (x10)	100	White ☐	MC512PA	1SNK140021R0000		1	10.00
21->30 (x10)	100	White ☐	MC512PA	1SNK140031R0000		1	10.00
31->40 (x10)	100	White ☐	MC512PA	1SNK140041R0000		1	10.00
41->50 (x10)	100	White ☐	MC512PA	1SNK140051R0000		1	10.00
51->60 (x10)	100	White ☐	MC512PA	1SNK140061R0000		1	10.00
61->70 (x10)	100	White ☐	MC512PA	1SNK140071R0000		1	10.00
71->80 (x10)	100	White ☐	MC512PA	1SNK140081R0000		1	10.00
81->90 (x10)	100	White ☐	MC512PA	1SNK140083R0000		1	10.00
91->100 (x10)	100	White ☐	MC512PA	1SNK140101R0000		1	10.00
101->110 (x10)	100	White ☐	MC512PA	1SNK140111R0000		1	10.00
111->120 (x10)	100	White ☐	MC512PA	1SNK140121R0000		1	10.00
121->130 (x10)	100	White ☐	MC512PA	1SNK140131R0000		1	10.00
131->140 (x10)	100	White ☐	MC512PA	1SNK140141R0000		1	10.00
141->150 (x10)	100	White ☐	MC512PA	1SNK140151R0000		1	10.00
151->160 (x10)	100	White ☐	MC512PA	1SNK140161R0000		1	10.00
161->170 (x10)	100	White ☐	MC512PA	1SNK140171R0000		1	10.00
171->180 (x10)	100	White ☐	MC512PA	1SNK140181R0000		1	10.00
181->190 (x10)	100	White ☐	MC512PA	1SNK140191R0000		1	10.00
191->200 (x10)	100	White ☐	MC512PA	1SNK140201R0000		1	10.00
1->100	100	White ☐	MC512PA	1SNK145011R0000		1	10.00
101->200	100	White ☐	MC512PA	1SNK145021R0000		1	10.00
201->300	100	White ☐	MC512PA	1SNK145031R0000		1	10.00
301->400	100	White ☐	MC512PA	1SNK145041R0000		1	10.00
401->500	100	White ☐	MC512PA	1SNK145051R0000		1	10.00
501->600	100	White ☐	MC512PA	1SNK145061R0000		1	10.00
601->700	100	White ☐	MC512PA	1SNK145071R0000		1	10.00
701->800	100	White ☐	MC512PA	1SNK145081R0000		1	10.00
801->900	100	White ☐	MC512PA	1SNK145091R0000		1	10.00
A (x100)	100	White ☐	MC512PA	1SNK146011R0000		1	10.00
B (x100)	100	White ☐	MC512PA	1SNK146021R0000		1	10.00
C (x100)	100	White ☐	MC512PA	1SNK146031R0000		1	10.00
D (x100)	100	White ☐	MC512PA	1SNK146041R0000		1	10.00
E (x100)	100	White ☐	MC512PA	1SNK146051R0000		1	10.00
F (x100)	100	White ☐	MC512PA	1SNK146061R0000		1	10.00
G (x100)	100	White ☐	MC512PA	1SNK146071R0000		1	10.00
H (x100)	100	White ☐	MC512PA	1SNK146081R0000		1	10.00
I (x100)	100	White ☐	MC512PA	1SNK146091R0000		1	10.00
J (x100)	100	White ☐	MC512PA	1SNK146101R0000		1	10.00
K (x100)	100	White ☐	MC512PA	1SNK146111R0000		1	10.00
L (x100)	100	White ☐	MC512PA	1SNK146121R0000		1	10.00
M (x100)	100	White ☐	MC512PA	1SNK146131R0000		1	10.00
N (x100)	100	White ☐	MC512PA	1SNK146141R0000		1	10.00
O (x100)	100	White ☐	MC512PA	1SNK146151R0000		1	10.00
P (x100)	100	White ☐	MC512PA	1SNK146161R0000		1	10.00
Q (x100)	100	White ☐	MC512PA	1SNK146171R0000		1	10.00
R (x100)	100	White ☐	MC512PA	1SNK146181R0000		1	10.00
S (x100)	100	White ☐	MC512PA	1SNK146191R0000		1	10.00
T (x100)	100	White ☐	MC512PA	1SNK146201R0000		1	10.00
U (x100)	100	White ☐	MC512PA	1SNK146211R0000		1	10.00
V (x100)	100	White ☐	MC512PA	1SNK146221R0000		1	10.00
W (x100)	100	White ☐	MC512PA	1SNK146231R0000		1	10.00
X (x100)	100	White ☐	MC512PA	1SNK146241R0000		1	10.00
Y (x100)	100	White ☐	MC512PA	1SNK146251R0000		1	10.00

Continue on next page →

All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC512PA terminal block markers
Pre-printed marker card for horizontal terminal block assembly

MC512PA

5.2 mm *0.205 in* spacing

5

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
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

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160004S0201

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	Maximum printed digits		Dimensions	
				mm	*inches*
Polyamide	V2	Horizontal	Vertical	4.8 x 12	*0.189 x 0.472*

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg	Weight
						pce	(1 pce) g
0->9 (x10)	100	White ☐	MC512PA	1SNK140092R0000		1	10.00
1->10 (x10)	100	White ☐	MC512PA	1SNK140012R0000		1	10.00
11->20 (x10)	100	White ☐	MC512PA	1SNK140022R0000		1	10.00
21->30 (x10)	100	White ☐	MC512PA	1SNK140032R0000		1	10.00
31->40 (x10)	100	White ☐	MC512PA	1SNK140042R0000		1	10.00
41->50 (x10)	100	White ☐	MC512PA	1SNK140052R0000		1	10.00
51->60 (x10)	100	White ☐	MC512PA	1SNK140062R0000		1	10.00
61->70 (x10)	100	White ☐	MC512PA	1SNK140072R0000		1	10.00
71->80 (x10)	100	White ☐	MC512PA	1SNK140082R0000		1	10.00
81->90 (x10)	100	White ☐	MC512PA	1SNK140084R0000		1	10.00
91->100 (x10)	100	White ☐	MC512PA	1SNK140102R0000		1	10.00
101->110 (x10)	100	White ☐	MC512PA	1SNK140112R0000		1	10.00
111->120 (x10)	100	White ☐	MC512PA	1SNK140122R0000		1	10.00
121->130 (x10)	100	White ☐	MC512PA	1SNK140132R0000		1	10.00
131->140 (x10)	100	White ☐	MC512PA	1SNK140142R0000		1	10.00
141->150 (x10)	100	White ☐	MC512PA	1SNK140152R0000		1	10.00
151->160 (x10)	100	White ☐	MC512PA	1SNK140162R0000		1	10.00
161->170 (x10)	100	White ☐	MC512PA	1SNK140172R0000		1	10.00
171->180 (x10)	100	White ☐	MC512PA	1SNK140182R0000		1	10.00
181->190 (x10)	100	White ☐	MC512PA	1SNK140192R0000		1	10.00
191->200 (x10)	100	White ☐	MC512PA	1SNK140202R0000		1	10.00
1->100	100	White ☐	MC512PA	1SNK145012R0000		1	10.00
101->200	100	White ☐	MC512PA	1SNK145022R0000		1	10.00
201->300	100	White ☐	MC512PA	1SNK145032R0000		1	10.00
301->400	100	White ☐	MC512PA	1SNK145042R0000		1	10.00
401->500	100	White ☐	MC512PA	1SNK145052R0000		1	10.00
501->600	100	White ☐	MC512PA	1SNK145062R0000		1	10.00
601->700	100	White ☐	MC512PA	1SNK145072R0000		1	10.00
701->800	100	White ☐	MC512PA	1SNK145082R0000		1	10.00
801->900	100	White ☐	MC512PA	1SNK145092R0000		1	10.00
901->1000	100	White ☐	MC512PA	1SNK145102R0000		1	10.00
A (x100)	100	White ☐	MC512PA	1SNK146012R0000		1	10.00
B (x100)	100	White ☐	MC512PA	1SNK146022R0000		1	10.00
C (x100)	100	White ☐	MC512PA	1SNK146032R0000		1	10.00
D (x100)	100	White ☐	MC512PA	1SNK146042R0000		1	10.00
E (x100)	100	White ☐	MC512PA	1SNK146052R0000		1	10.00
F (x100)	100	White ☐	MC512PA	1SNK146062R0000		1	10.00
G (x100)	100	White ☐	MC512PA	1SNK146072R0000		1	10.00
H (x100)	100	White ☐	MC512PA	1SNK146082R0000		1	10.00
I (x100)	100	White ☐	MC512PA	1SNK146092R0000		1	10.00
J (x100)	100	White ☐	MC512PA	1SNK146102R0000		1	10.00
K (x100)	100	White ☐	MC512PA	1SNK146112R0000		1	10.00
L (x100)	100	White ☐	MC512PA	1SNK146122R0000		1	10.00
M (x100)	100	White ☐	MC512PA	1SNK146132R0000		1	10.00
N (x100)	100	White ☐	MC512PA	1SNK146142R0000		1	10.00
O (x100)	100	White ☐	MC512PA	1SNK146152R0000		1	10.00
P (x100)	100	White ☐	MC512PA	1SNK146162R0000		1	10.00
Q (x100)	100	White ☐	MC512PA	1SNK146172R0000		1	10.00
R (x100)	100	White ☐	MC512PA	1SNK146182R0000		1	10.00
S (x100)	100	White ☐	MC512PA	1SNK146192R0000		1	10.00
T (x100)	100	White ☐	MC512PA	1SNK146202R0000		1	10.00
U (x100)	100	White ☐	MC512PA	1SNK146212R0000		1	10.00
V (x100)	100	White ☐	MC512PA	1SNK146222R0000		1	10.00

Continue on next page →

All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC512PA terminal block markers
Pre-printed marker card for vertical terminal block assembly

MC512PA

5.2 mm *0.205 in* spacing

5

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
W (x100)	100	White ☐	MC512PA	1SNK146232R0000		1	10.00
X (x100)	100	White ☐	MC512PA	1SNK146242R0000		1	10.00
Y (x100)	100	White ☐	MC512PA	1SNK146252R0000		1	10.00
Z (x100)	100	White ☐	MC512PA	1SNK146262R0000		1	10.00
0 (x100)	100	White ☐	MC512PA	1SNK147002R0000		1	10.00
1 (x100)	100	White ☐	MC512PA	1SNK147012R0000		1	10.00
2 (x100)	100	White ☐	MC512PA	1SNK147022R0000		1	10.00
3 (x100)	100	White ☐	MC512PA	1SNK147032R0000		1	10.00
4 (x100)	100	White ☐	MC512PA	1SNK147042R0000		1	10.00
5 (x100)	100	White ☐	MC512PA	1SNK147052R0000		1	10.00
6 (x100)	100	White ☐	MC512PA	1SNK147062R0000		1	10.00
7 (x100)	100	White ☐	MC512PA	1SNK147072R0000		1	10.00
8 (x100)	100	White ☐	MC512PA	1SNK147082R0000		1	10.00
9 (x100)	100	White ☐	MC512PA	1SNK147092R0000		1	10.00
+ (x100)	100	White ☐	MC512PA	1SNK148002R0000		1	10.00
- (x100)	100	White ☐	MC512PA	1SNK148012R0000		1	10.00
~ (x100)	100	White ☐	MC512PA	1SNK148022R0000		1	10.00
= (x100)	100	White ☐	MC512PA	1SNK148032R0000		1	10.00
⏚ (x100)	100	White ☐	MC512PA	1SNK148042R0000		1	10.00
L1 (x100)	100	White ☐	MC512PA	1SNK148052R0000		1	10.00
L2 (x100)	100	White ☐	MC512PA	1SNK148062R0000		1	10.00
L3 (x100)	100	White ☐	MC512PA	1SNK148072R0000		1	10.00
PE (x100)	100	White ☐	MC512PA	1SNK148092R0000		1	10.00
U1 (x100)	100	White ☐	MC512PA	1SNK148102R0000		1	10.00
U2 (x100)	100	White ☐	MC512PA	1SNK148112R0000		1	10.00
U3 (x100)	100	White ☐	MC512PA	1SNK148122R0000		1	10.00
V1 (x100)	100	White ☐	MC512PA	1SNK148132R0000		1	10.00
V2 (x100)	100	White ☐	MC512PA	1SNK148142R0000		1	10.00
V3 (x100)	100	White ☐	MC512PA	1SNK148152R0000		1	10.00
W1 (x100)	100	White ☐	MC512PA	1SNK148162R0000		1	10.00
W2 (x100)	100	White ☐	MC512PA	1SNK148172R0000		1	10.00
W3 (x100)	100	White ☐	MC512PA	1SNK148182R0000		1	10.00
+24V (x100)	100	White ☐	MC512PA	1SNK148192R0000		1	10.00
+48V (x100)	100	White ☐	MC512PA	1SNK148202R0000		1	10.00
-24V (x100)	100	White ☐	MC512PA	1SNK148212R0000		1	10.00
-48V (x100)	100	White ☐	MC512PA	1SNK148222R0000		1	10.00
L1-L2-L3-N-PE (x20)	100	White ☐	MC512PA	1SNK149002R0000		1	10.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White ☐	MC512PA	1SNK149012R0000		1	10.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160005S0201

MC612 terminal block markers
Blank card in polycarbonate or polyamide

MC612

6 mm *0.236 in* spacing

AMS 500

HTP500

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*).

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	39	White ☐	MC612	1SNK150000R0000		22	10.00
		Yellow ☐	MC612-YL	1SNK150004R0000		22	10.00

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*

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00
Thermal transfer printer	HTP500 KIT	1SNA235700R1500		1	16000.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for RC, MC, RCTT, WMTT, BA4 and RCT marker cards (AMS 500)	SPRC 1	1SNA360010R1500		1	220.00
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600		1	291.00

MC612

6 mm *0.236 in* spacing

AMS 500

MC612PA terminal block markers

Description

- MC612PA marker card in polyamide to be marked on AMS 500 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*).

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	100	White ☐	MC612PA	1SNK159999R0000		20	11.00

Main technical data

Material	Flammability	Maximum printed digits				Dimensions mm	*inches*
Polyamide	V2	Horizontal	3	Vertical	8	5.6 x 12	*0.220 x 0.472*

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for MC PA marker cards (1 MC PA marker card per plate and up to 4 plates per AMS 500 marking table)	SPRC 30	1SNA360039R1600		1	300.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160006S0201

MC612PA terminal block markers
Pre-printed marker card for horizontal terminal block assembly

MC612PA

6 mm *0.236 in* spacing

5

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Maximum printed digits		Dimensions	
				mm	*inches*
Polyamide	V2	Horizontal	Vertical	5.6 x 12	*0.220 x 0.472*

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
0->9 (x10)	100	White ☐	MC612PA	1SNK150091R0000		1	11.00
1->10 (x10)	100	White ☐	MC612PA	1SNK150011R0000		1	11.00
11->20 (x10)	100	White ☐	MC612PA	1SNK150021R0000		1	11.00
21->30 (x10)	100	White ☐	MC612PA	1SNK150031R0000		1	11.00
31->40 (x10)	100	White ☐	MC612PA	1SNK150041R0000		1	11.00
41->50 (x10)	100	White ☐	MC612PA	1SNK150051R0000		1	11.00
51->60 (x10)	100	White ☐	MC612PA	1SNK150061R0000		1	11.00
61->70 (x10)	100	White ☐	MC612PA	1SNK150071R0000		1	11.00
71->80 (x10)	100	White ☐	MC612PA	1SNK150081R0000		1	11.00
81->90 (x10)	100	White ☐	MC612PA	1SNK150083R0000		1	11.00
91->100 (x10)	100	White ☐	MC612PA	1SNK150101R0000		1	11.00
101->110 (x10)	100	White ☐	MC612PA	1SNK150111R0000		1	11.00
111->120 (x10)	100	White ☐	MC612PA	1SNK150121R0000		1	11.00
121->130 (x10)	100	White ☐	MC612PA	1SNK150131R0000		1	11.00
131->140 (x10)	100	White ☐	MC612PA	1SNK150141R0000		1	11.00
141->150 (x10)	100	White ☐	MC612PA	1SNK150151R0000		1	11.00
151->160 (x10)	100	White ☐	MC612PA	1SNK150161R0000		1	11.00
161->170 (x10)	100	White ☐	MC612PA	1SNK150171R0000		1	11.00
171->180 (x10)	100	White ☐	MC612PA	1SNK150181R0000		1	11.00
181->190 (x10)	100	White ☐	MC612PA	1SNK150191R0000		1	11.00
191->200 (x10)	100	White ☐	MC612PA	1SNK150201R0000		1	11.00
1->100	100	White ☐	MC612PA	1SNK155011R0000		1	11.00
101->200	100	White ☐	MC612PA	1SNK155021R0000		1	11.00
201->300	100	White ☐	MC612PA	1SNK155031R0000		1	11.00
301->400	100	White ☐	MC612PA	1SNK155041R0000		1	11.00
401->500	100	White ☐	MC612PA	1SNK155051R0000		1	11.00
501->600	100	White ☐	MC612PA	1SNK155061R0000		1	11.00
601->700	100	White ☐	MC612PA	1SNK155071R0000		1	11.00
701->800	100	White ☐	MC612PA	1SNK155081R0000		1	11.00
801->900	100	White ☐	MC612PA	1SNK155091R0000		1	11.00
A (x100)	100	White ☐	MC612PA	1SNK156011R0000		1	11.00
B (x100)	100	White ☐	MC612PA	1SNK156021R0000		1	11.00
C (x100)	100	White ☐	MC612PA	1SNK156031R0000		1	11.00
D (x100)	100	White ☐	MC612PA	1SNK156041R0000		1	11.00
E (x100)	100	White ☐	MC612PA	1SNK156051R0000		1	11.00
F (x100)	100	White ☐	MC612PA	1SNK156061R0000		1	11.00
G (x100)	100	White ☐	MC612PA	1SNK156071R0000		1	11.00
H (x100)	100	White ☐	MC612PA	1SNK156081R0000		1	11.00
I (x100)	100	White ☐	MC612PA	1SNK156091R0000		1	11.00
J (x100)	100	White ☐	MC612PA	1SNK156101R0000		1	11.00
K (x100)	100	White ☐	MC612PA	1SNK156111R0000		1	11.00
L (x100)	100	White ☐	MC612PA	1SNK156121R0000		1	11.00
M (x100)	100	White ☐	MC612PA	1SNK156131R0000		1	11.00
N (x100)	100	White ☐	MC612PA	1SNK156141R0000		1	11.00
O (x100)	100	White ☐	MC612PA	1SNK156151R0000		1	11.00
P (x100)	100	White ☐	MC612PA	1SNK156161R0000		1	11.00
Q (x100)	100	White ☐	MC612PA	1SNK156171R0000		1	11.00
R (x100)	100	White ☐	MC612PA	1SNK156181R0000		1	11.00
S (x100)	100	White ☐	MC612PA	1SNK156191R0000		1	11.00
T (x100)	100	White ☐	MC612PA	1SNK156201R0000		1	11.00
U (x100)	100	White ☐	MC612PA	1SNK156211R0000		1	11.00
V (x100)	100	White ☐	MC612PA	1SNK156221R0000		1	11.00
W (x100)	100	White ☐	MC612PA	1SNK156231R0000		1	11.00

Continue on next page →

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160007S0201

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 unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
X (x100)	100	White ☐	MC612PA	1SNK156241R0000		1	11.00
Y (x100)	100	White ☐	MC612PA	1SNK156251R0000		1	11.00
Z (x100)	100	White ☐	MC612PA	1SNK156261R0000		1	11.00
0 (x100)	100	White ☐	MC612PA	1SNK157001R0000		1	11.00
1 (x100)	100	White ☐	MC612PA	1SNK157011R0000		1	11.00
2 (x100)	100	White ☐	MC612PA	1SNK157021R0000		1	11.00
3 (x100)	100	White ☐	MC612PA	1SNK157031R0000		1	11.00
4 (x100)	100	White ☐	MC612PA	1SNK157041R0000		1	11.00
5 (x100)	100	White ☐	MC612PA	1SNK157051R0000		1	11.00
6 (x100)	100	White ☐	MC612PA	1SNK157061R0000		1	11.00
7 (x100)	100	White ☐	MC612PA	1SNK157071R0000		1	11.00
8 (x100)	100	White ☐	MC612PA	1SNK157081R0000		1	11.00
9 (x100)	100	White ☐	MC612PA	1SNK157091R0000		1	11.00
+ (x100)	100	White ☐	MC612PA	1SNK158001R0000		1	11.00
- (x100)	100	White ☐	MC612PA	1SNK158011R0000		1	11.00
~ (x100)	100	White ☐	MC612PA	1SNK158021R0000		1	11.00
= (x100)	100	White ☐	MC612PA	1SNK158031R0000		1	11.00
Ground (x100)	100	White ☐	MC612PA	1SNK158041R0000		1	11.00
L1 (x100)	100	White ☐	MC612PA	1SNK158051R0000		1	11.00
L2 (x100)	100	White ☐	MC612PA	1SNK158061R0000		1	11.00
L3 (x100)	100	White ☐	MC612PA	1SNK158071R0000		1	11.00
PE (x100)	100	White ☐	MC612PA	1SNK158091R0000		1	11.00
U1 (x100)	100	White ☐	MC612PA	1SNK158101R0000		1	11.00
U2 (x100)	100	White ☐	MC612PA	1SNK158111R0000		1	11.00
U3 (x100)	100	White ☐	MC612PA	1SNK158121R0000		1	11.00
V1 (x100)	100	White ☐	MC612PA	1SNK158131R0000		1	11.00
V2 (x100)	100	White ☐	MC612PA	1SNK158141R0000		1	11.00
V3 (x100)	100	White ☐	MC612PA	1SNK158151R0000		1	11.00
W1 (x100)	100	White ☐	MC612PA	1SNK158161R0000		1	11.00
W2 (x100)	100	White ☐	MC612PA	1SNK158171R0000		1	11.00
W3 (x100)	100	White ☐	MC612PA	1SNK158181R0000		1	11.00
L1-L2-L3-N-PE (x20)	100	White ☐	MC612PA	1SNK159001R0000		1	11.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White ☐	MC612PA	1SNK159011R0000		1	11.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC612PA terminal block markers
Pre-printed marker card for vertical terminal block assembly

MC612PA

6 mm *0.236* in spacing

5

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Maximum printed digits		Dimensions	
				mm	*inches*
Polyamide	V2	Horizontal	Vertical	5.6 x 12	0.220 x 0.472

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
0->9 (x10)	100	White ☐	MC612PA	1SNK150092R0000		1	11.00
1->10 (x10)	100	White ☐	MC612PA	1SNK150012R0000		1	11.00
11->20 (x10)	100	White ☐	MC612PA	1SNK150022R0000		1	11.00
21->30 (x10)	100	White ☐	MC612PA	1SNK150032R0000		1	11.00
31->40 (x10)	100	White ☐	MC612PA	1SNK150042R0000		1	11.00
41->50 (x10)	100	White ☐	MC612PA	1SNK150052R0000		1	11.00
51->60 (x10)	100	White ☐	MC612PA	1SNK150062R0000		1	11.00
61->70 (x10)	100	White ☐	MC612PA	1SNK150072R0000		1	11.00
71->80 (x10)	100	White ☐	MC612PA	1SNK150082R0000		1	11.00
81->90 (x10)	100	White ☐	MC612PA	1SNK150084R0000		1	11.00
91->100 (x10)	100	White ☐	MC612PA	1SNK150102R0000		1	11.00
101->110 (x10)	100	White ☐	MC612PA	1SNK150112R0000		1	11.00
111->120 (x10)	100	White ☐	MC612PA	1SNK150122R0000		1	11.00
121->130 (x10)	100	White ☐	MC612PA	1SNK150132R0000		1	11.00
131->140 (x10)	100	White ☐	MC612PA	1SNK150142R0000		1	11.00
141->150 (x10)	100	White ☐	MC612PA	1SNK150152R0000		1	11.00
151->160 (x10)	100	White ☐	MC612PA	1SNK150162R0000		1	11.00
161->170 (x10)	100	White ☐	MC612PA	1SNK150172R0000		1	11.00
171->180 (x10)	100	White ☐	MC612PA	1SNK150182R0000		1	11.00
181->190 (x10)	100	White ☐	MC612PA	1SNK150192R0000		1	11.00
191->200 (x10)	100	White ☐	MC612PA	1SNK150202R0000		1	11.00
1->100	100	White ☐	MC612PA	1SNK155012R0000		1	11.00
101->200	100	White ☐	MC612PA	1SNK155022R0000		1	11.00
201->300	100	White ☐	MC612PA	1SNK155032R0000		1	11.00
301->400	100	White ☐	MC612PA	1SNK155042R0000		1	11.00
401->500	100	White ☐	MC612PA	1SNK155052R0000		1	11.00
501->600	100	White ☐	MC612PA	1SNK155062R0000		1	11.00
601->700	100	White ☐	MC612PA	1SNK155072R0000		1	11.00
701->800	100	White ☐	MC612PA	1SNK155082R0000		1	11.00
801->900	100	White ☐	MC612PA	1SNK155092R0000		1	11.00
901->1000	100	White ☐	MC612PA	1SNK155102R0000		1	11.00
A (x100)	100	White ☐	MC612PA	1SNK156012R0000		1	11.00
B (x100)	100	White ☐	MC612PA	1SNK156022R0000		1	11.00
C (x100)	100	White ☐	MC612PA	1SNK156032R0000		1	11.00
D (x100)	100	White ☐	MC612PA	1SNK156042R0000		1	11.00
E (x100)	100	White ☐	MC612PA	1SNK156052R0000		1	11.00
F (x100)	100	White ☐	MC612PA	1SNK156062R0000		1	11.00
G (x100)	100	White ☐	MC612PA	1SNK156072R0000		1	11.00
H (x100)	100	White ☐	MC612PA	1SNK156082R0000		1	11.00
I (x100)	100	White ☐	MC612PA	1SNK156092R0000		1	11.00
J (x100)	100	White ☐	MC612PA	1SNK156102R0000		1	11.00
K (x100)	100	White ☐	MC612PA	1SNK156112R0000		1	11.00
L (x100)	100	White ☐	MC612PA	1SNK156122R0000		1	11.00
M (x100)	100	White ☐	MC612PA	1SNK156132R0000		1	11.00
N (x100)	100	White ☐	MC612PA	1SNK156142R0000		1	11.00
O (x100)	100	White ☐	MC612PA	1SNK156152R0000		1	11.00
P (x100)	100	White ☐	MC612PA	1SNK156162R0000		1	11.00
Q (x100)	100	White ☐	MC612PA	1SNK156172R0000		1	11.00
R (x100)	100	White ☐	MC612PA	1SNK156182R0000		1	11.00
S (x100)	100	White ☐	MC612PA	1SNK156192R0000		1	11.00
T (x100)	100	White ☐	MC612PA	1SNK156202R0000		1	11.00
U (x100)	100	White ☐	MC612PA	1SNK156212R0000		1	11.00
V (x100)	100	White ☐	MC612PA	1SNK156222R0000		1	11.00
W (x100)	100	White ☐	MC612PA	1SNK156232R0000		1	11.00
X (x100)	100	White ☐	MC612PA	1SNK156242R0000		1	11.00

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All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160008S0201

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 unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Y (x100)	100	White ☐	MC612PA	1SNK156252R0000		1	11.00
Z (x100)	100	White ☐	MC612PA	1SNK156262R0000		1	11.00
0 (x100)	100	White ☐	MC612PA	1SNK157002R0000		1	11.00
1 (x100)	100	White ☐	MC612PA	1SNK157012R0000		1	11.00
2 (x100)	100	White ☐	MC612PA	1SNK157022R0000		1	11.00
3 (x100)	100	White ☐	MC612PA	1SNK157032R0000		1	11.00
4 (x100)	100	White ☐	MC612PA	1SNK157042R0000		1	11.00
5 (x100)	100	White ☐	MC612PA	1SNK157052R0000		1	11.00
6 (x100)	100	White ☐	MC612PA	1SNK157062R0000		1	11.00
7 (x100)	100	White ☐	MC612PA	1SNK157072R0000		1	11.00
8 (x100)	100	White ☐	MC612PA	1SNK157082R0000		1	11.00
9 (x100)	100	White ☐	MC612PA	1SNK157092R0000		1	11.00
+ (x100)	100	White ☐	MC612PA	1SNK158002R0000		1	11.00
- (x100)	100	White ☐	MC612PA	1SNK158012R0000		1	11.00
~ (x100)	100	White ☐	MC612PA	1SNK158022R0000		1	11.00
= (x100)	100	White ☐	MC612PA	1SNK158032R0000		1	11.00
⏚ (x100)	100	White ☐	MC612PA	1SNK158042R0000		1	11.00
L1 (x100)	100	White ☐	MC612PA	1SNK158052R0000		1	11.00
L2 (x100)	100	White ☐	MC612PA	1SNK158062R0000		1	11.00
L3 (x100)	100	White ☐	MC612PA	1SNK158072R0000		1	11.00
PE (x100)	100	White ☐	MC612PA	1SNK158092R0000		1	11.00
U1 (x100)	100	White ☐	MC612PA	1SNK158102R0000		1	11.00
U2 (x100)	100	White ☐	MC612PA	1SNK158112R0000		1	11.00
U3 (x100)	100	White ☐	MC612PA	1SNK158122R0000		1	11.00
V1 (x100)	100	White ☐	MC612PA	1SNK158132R0000		1	11.00
V2 (x100)	100	White ☐	MC612PA	1SNK158142R0000		1	11.00
V3 (x100)	100	White ☐	MC612PA	1SNK158152R0000		1	11.00
W1 (x100)	100	White ☐	MC612PA	1SNK158162R0000		1	11.00
W2 (x100)	100	White ☐	MC612PA	1SNK158172R0000		1	11.00
W3 (x100)	100	White ☐	MC612PA	1SNK158182R0000		1	11.00
+24V (x100)	100	White ☐	MC612PA	1SNK158192R0000		1	11.00
+48V (x100)	100	White ☐	MC612PA	1SNK158202R0000		1	11.00
- 24V (x100)	100	White ☐	MC612PA	1SNK158212R0000		1	11.00
-48V (x100)	100	White ☐	MC612PA	1SNK158222R0000		1	11.00
L1-L2-L3-N-PE (x20)	100	White ☐	MC612PA	1SNK159002R0000		1	11.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White ☐	MC612PA	1SNK159012R0000		1	11.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC812 terminal block markers
Blank card in polycarbonate or polyamide

MC612

8 mm *0.315 in* spacing

AMS 500

HTP500

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*)

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	30	White ☐	MC812	1SNK160000R0000		22	10.00
		Yellow ☐	MC812-YL	1SNK160004R0000		22	10.00

Main technical data

Material	Flammability	Maximum printed digits				Dimensions mm	*inches*
Polycarbonate	V0	Horizontal	3	Vertical	8	7.6 x 12	*0.299 x 0.472*

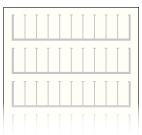
Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00
Thermal transfer printer	HTP500 KIT	1SNA235700R1500		1	16000.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for RC, MC, RCTT, WMTT, BA4 and RCT marker cards (AMS 500)	SPRC 1	1SNA360010R1500		1	220.00
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600		1	291.00

MC812PA



8 mm *0.315 in* spacing

AMS 500

MC812PA terminal block markers

Description

- MC812PA marker card in polyamide to be marked on AMS 500 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*)

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Blank card	100	White ☐	MC812PA	1SNK169999R0000		20	14.00

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*

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for MC PA marker cards (1 MC PA marker card per plate and up to 4 plates per AMS 500 marking table)	SPRC 30	1SNA360039R1600		1	300.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160009S0201

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	Maximum printed digits		Dimensions	
				mm	*inches*
Polyamide	V2	Horizontal	Vertical	7.6 x 12	*0.299 x 0.472*

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
0->9 (x10)	100	White ☐	MC812PA	1SNK160091R0000		1	14.00
1->10 (x10)	100	White ☐	MC812PA	1SNK160011R0000		1	14.00
11->20 (x10)	100	White ☐	MC812PA	1SNK160021R0000		1	14.00
21->30 (x10)	100	White ☐	MC812PA	1SNK160031R0000		1	14.00
31->40 (x10)	100	White ☐	MC812PA	1SNK160041R0000		1	14.00
41->50 (x10)	100	White ☐	MC812PA	1SNK160051R0000		1	14.00
51->60 (x10)	100	White ☐	MC812PA	1SNK160061R0000		1	14.00
61->70 (x10)	100	White ☐	MC812PA	1SNK160071R0000		1	14.00
71->80 (x10)	100	White ☐	MC812PA	1SNK160081R0000		1	14.00
81->90 (x10)	100	White ☐	MC812PA	1SNK160083R0000		1	14.00
91->100 (x10)	100	White ☐	MC812PA	1SNK160101R0000		1	14.00
101->110 (x10)	100	White ☐	MC812PA	1SNK160111R0000		1	14.00
111->120 (x10)	100	White ☐	MC812PA	1SNK160121R0000		1	14.00
121->130 (x10)	100	White ☐	MC812PA	1SNK160131R0000		1	14.00
131->140 (x10)	100	White ☐	MC812PA	1SNK160141R0000		1	14.00
141->150 (x10)	100	White ☐	MC812PA	1SNK160151R0000		1	14.00
151->160 (x10)	100	White ☐	MC812PA	1SNK160161R0000		1	14.00
161->170 (x10)	100	White ☐	MC812PA	1SNK160171R0000		1	14.00
171->180 (x10)	100	White ☐	MC812PA	1SNK160181R0000		1	14.00
181->190 (x10)	100	White ☐	MC812PA	1SNK160191R0000		1	14.00
191->200 (x10)	100	White ☐	MC812PA	1SNK160201R0000		1	14.00
1->100	100	White ☐	MC812PA	1SNK165011R0000		1	14.00
101->200	100	White ☐	MC812PA	1SNK165021R0000		1	14.00
201->300	100	White ☐	MC812PA	1SNK165031R0000		1	14.00
301->400	100	White ☐	MC812PA	1SNK165041R0000		1	14.00
401->500	100	White ☐	MC812PA	1SNK165051R0000		1	14.00
501->600	100	White ☐	MC812PA	1SNK165061R0000		1	14.00
601->700	100	White ☐	MC812PA	1SNK165071R0000		1	14.00
701->800	100	White ☐	MC812PA	1SNK165081R0000		1	14.00
801->900	100	White ☐	MC812PA	1SNK165091R0000		1	14.00
A (x100)	100	White ☐	MC812PA	1SNK166011R0000		1	14.00
B (x100)	100	White ☐	MC812PA	1SNK166021R0000		1	14.00
C (x100)	100	White ☐	MC812PA	1SNK166031R0000		1	14.00
D (x100)	100	White ☐	MC812PA	1SNK166041R0000		1	14.00
E (x100)	100	White ☐	MC812PA	1SNK166051R0000		1	14.00
F (x100)	100	White ☐	MC812PA	1SNK166061R0000		1	14.00
G (x100)	100	White ☐	MC812PA	1SNK166071R0000		1	14.00
H (x100)	100	White ☐	MC812PA	1SNK166081R0000		1	14.00
I (x100)	100	White ☐	MC812PA	1SNK166091R0000		1	14.00
J (x100)	100	White ☐	MC812PA	1SNK166101R0000		1	14.00
K (x100)	100	White ☐	MC812PA	1SNK166111R0000		1	14.00
L (x100)	100	White ☐	MC812PA	1SNK166121R0000		1	14.00
M (x100)	100	White ☐	MC812PA	1SNK166131R0000		1	14.00
N (x100)	100	White ☐	MC812PA	1SNK166141R0000		1	14.00
O (x100)	100	White ☐	MC812PA	1SNK166151R0000		1	14.00
P (x100)	100	White ☐	MC812PA	1SNK166161R0000		1	14.00
Q (x100)	100	White ☐	MC812PA	1SNK166171R0000		1	14.00
R (x100)	100	White ☐	MC812PA	1SNK166181R0000		1	14.00
S (x100)	100	White ☐	MC812PA	1SNK166191R0000		1	14.00
T (x100)	100	White ☐	MC812PA	1SNK166201R0000		1	14.00
U (x100)	100	White ☐	MC812PA	1SNK166211R0000		1	14.00
V (x100)	100	White ☐	MC812PA	1SNK166221R0000		1	14.00

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All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC812PA terminal block markers
Pre-printed marker card for horizontal terminal block assembly

MC812PA

8 mm *0.315 in* spacing

5

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
W (x100)	100	White ☐	MC812PA	1SNK166231R0000		1	14.00
X (x100)	100	White ☐	MC812PA	1SNK166241R0000		1	14.00
Y (x100)	100	White ☐	MC812PA	1SNK166251R0000		1	14.00
Z (x100)	100	White ☐	MC812PA	1SNK166261R0000		1	14.00
0 (x100)	100	White ☐	MC812PA	1SNK167001R0000		1	14.00
1 (x100)	100	White ☐	MC812PA	1SNK167011R0000		1	14.00
2 (x100)	100	White ☐	MC812PA	1SNK167021R0000		1	14.00
3 (x100)	100	White ☐	MC812PA	1SNK167031R0000		1	14.00
4 (x100)	100	White ☐	MC812PA	1SNK167041R0000		1	14.00
5 (x100)	100	White ☐	MC812PA	1SNK167051R0000		1	14.00
6 (x100)	100	White ☐	MC812PA	1SNK167061R0000		1	14.00
7 (x100)	100	White ☐	MC812PA	1SNK167071R0000		1	14.00
8 (x100)	100	White ☐	MC812PA	1SNK167081R0000		1	14.00
9 (x100)	100	White ☐	MC812PA	1SNK167091R0000		1	14.00
+ (x100)	100	White ☐	MC812PA	1SNK168001R0000		1	14.00
- (x100)	100	White ☐	MC812PA	1SNK168011R0000		1	14.00
~ (x100)	100	White ☐	MC812PA	1SNK168021R0000		1	14.00
= (x100)	100	White ☐	MC812PA	1SNK168031R0000		1	14.00
⏚ (x100)	100	White ☐	MC812PA	1SNK168041R0000		1	14.00
L1 (x100)	100	White ☐	MC812PA	1SNK168051R0000		1	14.00
L2 (x100)	100	White ☐	MC812PA	1SNK168061R0000		1	14.00
L3 (x100)	100	White ☐	MC812PA	1SNK168071R0000		1	14.00
PE (x100)	100	White ☐	MC812PA	1SNK168091R0000		1	14.00
U1 (x100)	100	White ☐	MC812PA	1SNK168101R0000		1	14.00
U2 (x100)	100	White ☐	MC812PA	1SNK168111R0000		1	14.00
U3 (x100)	100	White ☐	MC812PA	1SNK168121R0000		1	14.00
V1 (x100)	100	White ☐	MC812PA	1SNK168131R0000		1	14.00
V2 (x100)	100	White ☐	MC812PA	1SNK168141R0000		1	14.00
V3 (x100)	100	White ☐	MC812PA	1SNK168151R0000		1	14.00
W1 (x100)	100	White ☐	MC812PA	1SNK168161R0000		1	14.00
W2 (x100)	100	White ☐	MC812PA	1SNK168171R0000		1	14.00
W3 (x100)	100	White ☐	MC812PA	1SNK168181R0000		1	14.00
L1-L2-L3-N-PE (x20)	100	White ☐	MC812PA	1SNK169001R0000		1	14.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White ☐	MC812PA	1SNK169011R0000		1	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160010S0201

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	Maximum printed digits		Dimensions mm	Dimensions *inches*
Polyamide	V2	Horizontal	Vertical	7.6 x 12	*0.299 x 0.472*

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	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

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All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160011S0201

MC812PA terminal block markers
Pre-printed marker card for vertical terminal block assembly

MC812PA

8 mm *0.315 in* spacing

5

Ordering details

Description	Number of markers per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
W (x100)	100	White ☐	MC812PA	1SNK166232R0000		1	14.00
X (x100)	100	White ☐	MC812PA	1SNK166242R0000		1	14.00
Y (x100)	100	White ☐	MC812PA	1SNK166252R0000		1	14.00
Z (x100)	100	White ☐	MC812PA	1SNK166262R0000		1	14.00
0 (x100)	100	White ☐	MC812PA	1SNK167002R0000		1	14.00
1 (x100)	100	White ☐	MC812PA	1SNK167012R0000		1	14.00
2 (x100)	100	White ☐	MC812PA	1SNK167022R0000		1	14.00
3 (x100)	100	White ☐	MC812PA	1SNK167032R0000		1	14.00
4 (x100)	100	White ☐	MC812PA	1SNK167042R0000		1	14.00
5 (x100)	100	White ☐	MC812PA	1SNK167052R0000		1	14.00
6 (x100)	100	White ☐	MC812PA	1SNK167062R0000		1	14.00
7 (x100)	100	White ☐	MC812PA	1SNK167072R0000		1	14.00
8 (x100)	100	White ☐	MC812PA	1SNK167082R0000		1	14.00
9 (x100)	100	White ☐	MC812PA	1SNK167092R0000		1	14.00
+ (x100)	100	White ☐	MC812PA	1SNK168002R0000		1	14.00
- (x100)	100	White ☐	MC812PA	1SNK168012R0000		1	14.00
~ (x100)	100	White ☐	MC812PA	1SNK168022R0000		1	14.00
= (x100)	100	White ☐	MC812PA	1SNK168032R0000		1	14.00
⏚ (x100)	100	White ☐	MC812PA	1SNK168042R0000		1	14.00
L1 (x100)	100	White ☐	MC812PA	1SNK168052R0000		1	14.00
L2 (x100)	100	White ☐	MC812PA	1SNK168062R0000		1	14.00
L3 (x100)	100	White ☐	MC812PA	1SNK168072R0000		1	14.00
PE (x100)	100	White ☐	MC812PA	1SNK168092R0000		1	14.00
U1 (x100)	100	White ☐	MC812PA	1SNK168102R0000		1	14.00
U2 (x100)	100	White ☐	MC812PA	1SNK168112R0000		1	14.00
U3 (x100)	100	White ☐	MC812PA	1SNK168122R0000		1	14.00
V1 (x100)	100	White ☐	MC812PA	1SNK168132R0000		1	14.00
V2 (x100)	100	White ☐	MC812PA	1SNK168142R0000		1	14.00
V3 (x100)	100	White ☐	MC812PA	1SNK168152R0000		1	14.00
W1 (x100)	100	White ☐	MC812PA	1SNK168162R0000		1	14.00
W2 (x100)	100	White ☐	MC812PA	1SNK168172R0000		1	14.00
W3 (x100)	100	White ☐	MC812PA	1SNK168182R0000		1	14.00
+24V (x100)	100	White ☐	MC812PA	1SNK168192R0000		1	14.00
+48V (x100)	100	White ☐	MC812PA	1SNK168202R0000		1	14.00
-24V (x100)	100	White ☐	MC812PA	1SNK168212R0000		1	14.00
-48V (x100)	100	White ☐	MC812PA	1SNK168222R0000		1	14.00
L1-L2-L3-N-PE (x20)	100	White ☐	MC812PA	1SNK169002R0000		1	14.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White ☐	MC812PA	1SNK169012R0000		1	14.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160011S0201

SAT terminal block markers
Self adhesive strip

SAT

PROCAP protecting cap

SAT-SOFT

Description

- Quickly mark your terminal blocks with the pre-cut self adhesive strip SAT delivered in strip of 10 markers,
- Easily print your self adhesive sheet in A5 format on any desktop printer: laser and inkjet,
- The SAT unique adhesive allows a repositioning of the label during a few minutes,
- The excellent properties of SAT (adhesive and ink withstand) tested in our laboratories, offer an optimized resistance to severe environments (humidity, heat, oil, water, etc.).

Main technical data

Material	Flammability
Polyethylene	V0

Ordering details

SAT5 self adhesive strip for 5.2 mm *0.205 in* spacing terminal blocks

Label dimensions mm	*inches*	Nb markers per unit	Maximum printed digits Horizontal	Vertical	Color	Type	Order code		Pkg pce	Weight (1 pce) g
9 x 5.2	*0.354 x 0.205*	240	3	6	White ☐	SAT5	1SNK900614R0000		5	6.00

Ordering details

SAT6 self adhesive strip for 6 mm *0.236 in* spacing terminal blocks

Label dimensions mm	*inches*	Nb markers per unit	Maximum printed digits Horizontal	Vertical	Color	Type	Order code		Pkg pce	Weight (1 pce) g
9 x 5.8	*0.354 x 0.228*	240	3	6	White ☐	SAT6	1SNK900615R0000		5	6.00

Ordering details

SAT8 self adhesive strip for 8 mm *0.315 in* spacing terminal blocks

Label dimensions mm	*inches*	Nb markers per unit	Maximum printed digits Horizontal	Vertical	Color	Type	Order code		Pkg pce	Weight (1 pce) g
9 x 7.8	*0.354 x 0.307*	160	4	6	White ☐	SAT8	1SNK900616R0000		5	6.00

Accessories

PROCAP protecting cap

Description	Nb of caps per unit	Color	Type	Order code		Pkg pce	Weight (1 pce) g
for self adhesive strip SAT5	10	Transparent ☐	PROCAP5	1SNK900609R0000		20	0.70
for self adhesive strip SAT6	10	Transparent ☐	PROCAP6	1SNK900612R0000		20	0.79
for self adhesive strip SAT8	10	Transparent ☐	PROCAP8	1SNK900613R0000		20	1.00

Printing software to print SAT self adhesive labels

- With the SAT-SOFT software, easily print your SAT5, SAT6, SAT8 and SAT self adhesive labels,
- print your labels on any desktop printer : laser and inkjet

Ordering details

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Printing software	SAT-SOFT	1SNK900645R0000		1	17.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160013S0201

UMH universal wire markers holder
MCLH label
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 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	Order code		Pkg pce	Weight (1 pce) g
5.2 mm *0.205 in* spacing	Grey	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*

AMS 500

HTP500

MCLH label

Description

Identify your terminal blocks assembly with the self adhesive label adapted to the LH label holders.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
for LH label holder	White	MCLH	1SNK900630R0000		25	10.00
	Yellow	MCLH-YL	1SNK900633R0000		25	10.00
for LH-R1 label holder	White	MCLH-R1	1SNK900631R0000		25	10.00
	Yellow	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*

Marking systems

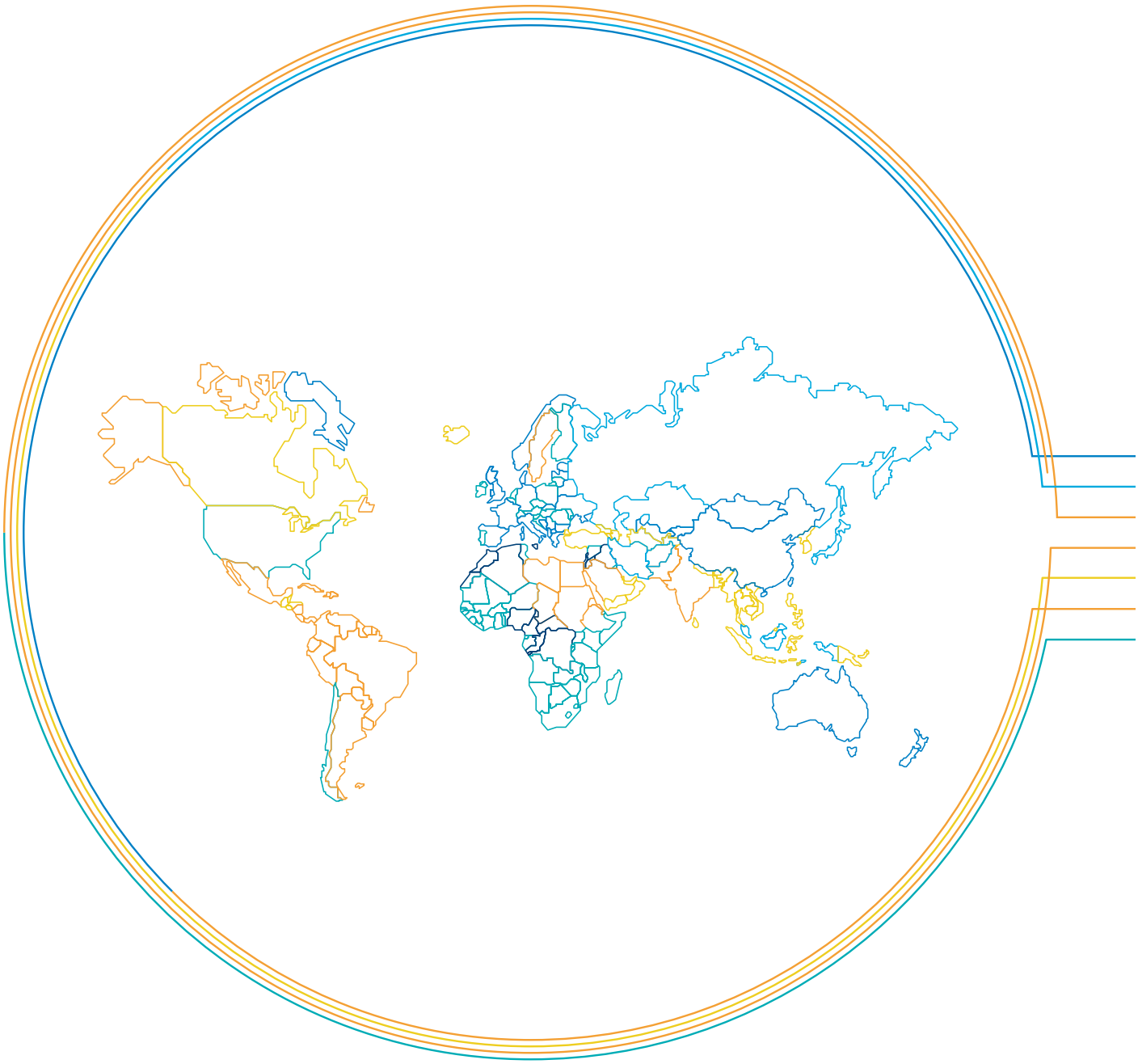
Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking table	AMS 500 KIT	1SNA360000R2400		1	12600.00
Thermal transfer printer	HTP500 KIT	1SNA235700R1500		1	16000.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for labels (AMS 500)	SPRC 21	1SNA360031R0600		1	851.00

All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160001S0201



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Order code classification

Order code	Type	Page
1SNA116538R1700	PC8-2	114
1SNA116539R1000	PC8-3	114
1SNA116540R2500	PC8-4	114
1SNA163313R2400	PC8-10	114
1SNA164800R0300	PR3.G2	97
1SNA168500R1200	PR4	98
1SNA168700R2200	PR5	98
1SNA173220R0500	PR30	96
1SNA174300R1700	PR3.Z2	96
1SNA178529R0400	PR50	97
1SNA179726R0200	AJS9	119
1SNA206680R1500	AJS9-1	119
1SNA206681R0200	AJS9-2	119
1SNA206682R0300	AJS9-3	119
1SNA206683R0400	AJS9-4	119
1SNA206720R1400	AJS9-5	119
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1SNA235106R2600	PAM43020	124
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1SNA235702R0300	HTS500	131
1SNA235703R0400	HTP500-FEED	131
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1SNA360015R0600	SPRC 5	130
1SNA360016R0700	SPRC 6	130
1SNA360017R0000	SPRC 7	130
1SNA360018R1100	SPRC 8	130
1SNA360019R1200	SPRC 9	130
1SNA360020R1700	SPRC 10	130
1SNA360021R0400	SPRC 11	130
1SNA360023R0600	SPRC 13	130
1SNA360024R0700	SPRC 14	130
1SNA360025R0000	SPRC 15	130
1SNA360026R0100	SPRC 16	130
1SNA360031R0600	SPRC 21	130
1SNA360036R0300	SPRC 26	130
1SNA360037R0400	SPRC 27	130
1SNA360038R1500	SPRC 29	130
1SNA360039R1600	SPRC 30	130
1SNA360040R2300	SPRC 28	130
1SNA360098R1200	PEN HOLDER	130
1SNA360100R2500	AMS PEN 0.25	130
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1SNA360103R1400	AMS PEN 0.18	130
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1SNA360105R1600	AMS PEN 0.70	130
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1SNK140022R0000	MC512PA 11->20 (x10)	135
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1SNK140051R0000	MC512PA 41->50 (x10)	133
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1SNK140112R0000	MC512PA 101->110 (x10)	135
1SNK140121R0000	MC512PA 111->120 (x10)	133
1SNK140122R0000	MC512PA 111->120 (x10)	135
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1SNK140132R0000	MC512PA 121->130 (x10)	135
1SNK140141R0000	MC512PA 131->140 (x10)	133
1SNK140142R0000	MC512PA 131->140 (x10)	135
1SNK140151R0000	MC512PA 141->150 (x10)	133
1SNK140152R0000	MC512PA 141->150 (x10)	135
1SNK140161R0000	MC512PA 151->160 (x10)	133
1SNK140162R0000	MC512PA 151->160 (x10)	135
1SNK140171R0000	MC512PA 161->170 (x10)	133
1SNK140172R0000	MC512PA 161->170 (x10)	135
1SNK140181R0000	MC512PA 171->180 (x10)	133
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1SNK140202R0000	MC512PA 191->200 (x10)	135
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1SNK145021R0000	MC512PA 101->200	133
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1SNK145041R0000	MC512PA 301->400	133
1SNK145042R0000	MC512PA 301->400	135
1SNK145051R0000	MC512PA 401->500	133
1SNK145052R0000	MC512PA 401->500	135
1SNK145061R0000	MC512PA 501->600	133
1SNK145062R0000	MC512PA 501->600	135
1SNK145071R0000	MC512PA 601->700	133
1SNK145072R0000	MC512PA 601->700	135
1SNK145081R0000	MC512PA 701->800	133
1SNK145082R0000	MC512PA 701->800	135
1SNK145091R0000	MC512PA 801->900	133
1SNK145092R0000	MC512PA 801->900	135
1SNK145102R0000	MC512PA 901->1000	135
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1SNK146012R0000	MC512PA A (x100)	135
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1SNK146022R0000	MC512PA B (x100)	135
1SNK146031R0000	MC512PA C (x100)	133
1SNK146032R0000	MC512PA C (x100)	135
1SNK146041R0000	MC512PA D (x100)	133
1SNK146042R0000	MC512PA D (x100)	135
1SNK146051R0000	MC512PA E (x100)	133
1SNK146052R0000	MC512PA E (x100)	135
1SNK146061R0000	MC512PA F (x100)	133
1SNK146062R0000	MC512PA F (x100)	135
1SNK146071R0000	MC512PA G (x100)	133
1SNK146072R0000	MC512PA G (x100)	135
1SNK146081R0000	MC512PA H (x100)	133
1SNK146082R0000	MC512PA H (x100)	135
1SNK146091R0000	MC512PA I (x100)	133
1SNK146092R0000	MC512PA I (x100)	135
1SNK146101R0000	MC512PA J (x100)	133
1SNK146102R0000	MC512PA J (x100)	135
1SNK146111R0000	MC512PA K (x100)	133
1SNK146112R0000	MC512PA K (x100)	135
1SNK146121R0000	MC512PA L (x100)	133
1SNK146122R0000	MC512PA L (x100)	135
1SNK146131R0000	MC512PA M (x100)	133
1SNK146132R0000	MC512PA M (x100)	135
1SNK146141R0000	MC512PA N (x100)	133
1SNK146142R0000	MC512PA N (x100)	135
1SNK146151R0000	MC512PA O (x100)	133
1SNK146152R0000	MC512PA O (x100)	135
1SNK146161R0000	MC512PA P (x100)	133
1SNK146162R0000	MC512PA P (x100)	135
1SNK146171R0000	MC512PA Q (x100)	133
1SNK146172R0000	MC512PA Q (x100)	135
1SNK146181R0000	MC512PA R (x100)	133
1SNK146182R0000	MC512PA R (x100)	135
1SNK146191R0000	MC512PA S (x100)	133
1SNK146192R0000	MC512PA S (x100)	135
1SNK146201R0000	MC512PA T (x100)	133
1SNK146202R0000	MC512PA T (x100)	135
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1SNK148102R0000	MC512PA	U1 (x100)	136
1SNK148111R0000	MC512PA	U2 (x100)	134
1SNK148112R0000	MC512PA	U2 (x100)	136
1SNK148121R0000	MC512PA	U3 (x100)	134
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1SNK156082R0000	MC612PA	H (x100)	140
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1SNK156261R0000	MC612PA	Z (x100)	139
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1SNK166082R0000	MC812PA	H (x100)	145
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ABB terminal blocks

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Our terminal blocks are designed and produced according to the highest ABB quality standards and are used worldwide within all major industries including automation, energy, food processing, transportation and petrochemicals.

Environmental status:
Please do not hesitate to request a copy of our "Environmental Declaration", which is available for all our products.

This Declaration presents the environmental impact calculated from the design phase up to recycling options.

RoHS compliant
Conforme RoHS

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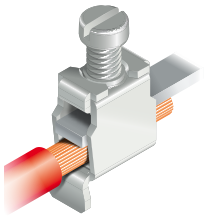
ABB connections
Rely on our expertise



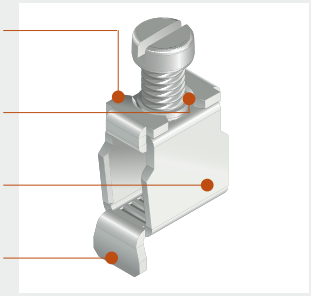
Our screw clamp technology benefits from 50 years of experience. Billions of ABB screw clamps have been manufactured and are now installed all over the world.
Our screw clamp solutions can fit all connecting applications with rigid or flexible wires, from 0.22 mm² up to 240 mm².

Anti release system:
Locking pieces limit distortion during tightening operations

High resistance to thread destruction:
Long threading tunnel

Hardened steel with anti-corrosion coating

Incorrect wire insertion prevented by flat clamp



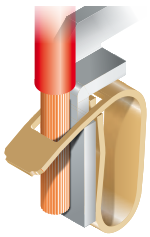
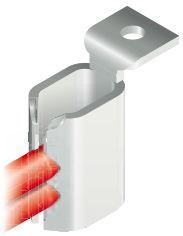


ABB has been manufacturing spring clamps for more than 10 years and owns several patents. Our clamp designs benefit from our strong expertise in 3D finite element simulations as well as in-situ testing capabilities.
Our spring clamp solutions can fit all connecting applications with rigid or flexible wires, from 0.12 mm² up to 35 mm² and feature an anti-corrosion clamp made of stainless steel.

Design prevents incorrect wire insertion

Corrosion proof:
stainless steel material

Superior performance:
special stainless steel material with high elasticity limit

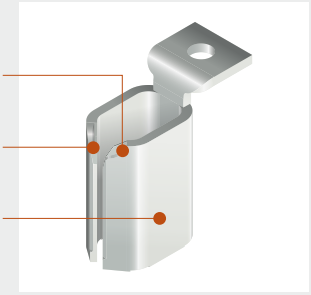


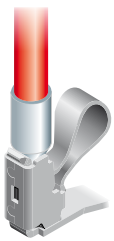
Our ADO System® is based on Insulation Displacement Connection (IDC) technology. IDC technology can be found in various applications outside the electrical world. (RJ45 connectors used in Telecoms for instance).
Our ADO System® features one single piece which, when associated with its dedicated tool, combines wire preparation with wire connection.

Cone entry shape:
Allows insulation cutting

Contact lips:
Allow electrical contact with permanent cable contact pressure

ADO System® jaw:
C-shaped spring



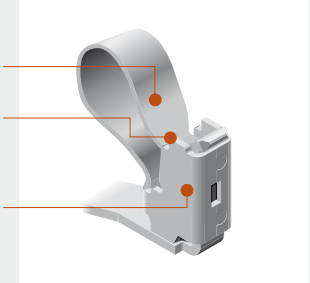


Embrace our new PI-Spring screwless technology featuring direct insertion as well as ergonomics of a spring connection. This technology permits direct insertion of solid or flexible cable without screwdriver or insertion of flexible conductors without ferrules in association with a screwdriver. The clamp is made of anti-corrosion stainless steel material.

Excellent pulling strength.

Vibration and shock resistant.

Optimal resistance to climatic variations, with a heat-treated steel connection and anti-corrosion treatment.



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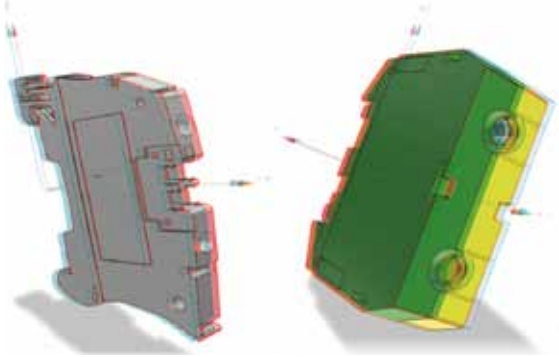

Every product in our library is available in 2D and 3D format.

All of the different views, (front, side, etc.), will be available in a compressed file. And in just one click, you can obtain a native AutoCAD drawing.

This portal enables you to export neutral format files (STEP, IGES, SAT, etc.), and native format drawings.
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