



Main catalog

SNK series Terminal blocks

SNK series, terminal blocks, accessories, marking solutions

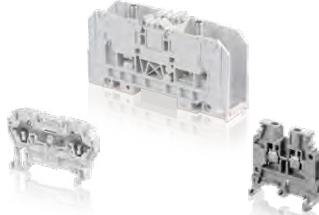
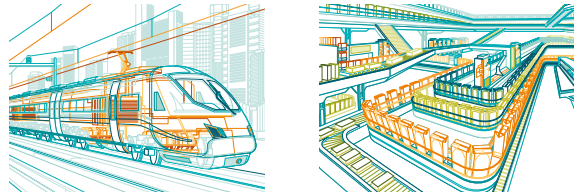
Ranges and technologies presentation	2	1
PI-Spring terminal blocks	13	2
Screw clamp terminal blocks	47	3
Pluggable terminal blocks	127	4
Accessories	135	5
Marking solutions	173	6
Index	198	7
Marketing material	208	8

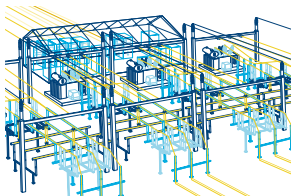
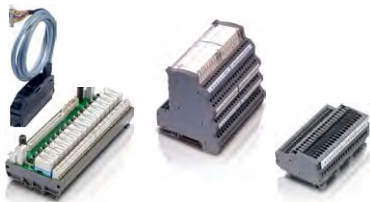
Connection devices offering

1

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

▼ IN THIS CATALOG ▼

	SNA series		SNK series		Terminal blocks	
Purpose	Standard industrial applications		Preferred terminal blocks for: – standard and 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 Test & measurement Marshalling	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 For fuses		
	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 http://www.ourdoonline.com/lpcp/1SNC160019C0202_SNA_series/		www.abb.com/lowvoltage catalog pages, brochures, technical datasheets, certificates, approvals www.abb.com/connecttocontrol 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 http://www.ourdoonline.com/lpcp/1SNC160020C0201-Solution-series/	

Solution series				
	Technologies	ESSAILEC®	Interfast	Marking
	Screw clamp Spring clamp ADO System® Pluggable Safety (spring loaded) Stud Quick-connect Solder	Current & voltage sockets Current & voltage plugs	Pre-wiring for PLC Interfast PCB Interfast MS Cables	Markers & marking systems 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-edia.com/interfast eSelection guide, catalog pages, videos, presentations, drawings	www.abb.com/lowvoltage catalog pages, user guide, softwares

SNK series, terminal blocks

SNK philosophy

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High performance products

SNK products lifecycle is driven by the aim to achieve the best in market products right from conception, then through manufacturing and ultimately in logistics. SNK global certifications give access to worldwide markets & applications.

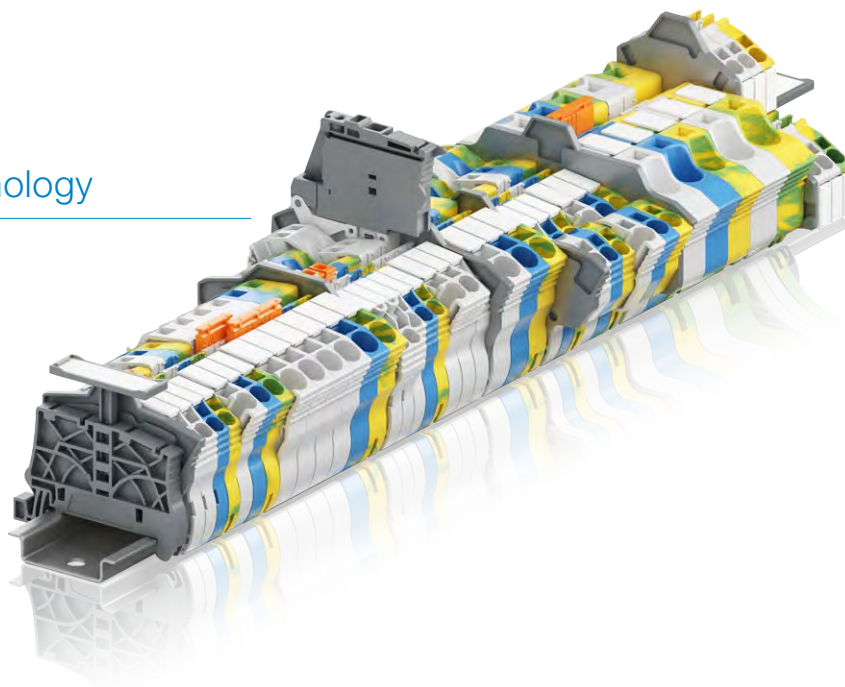
Optimized logistics

SNK PI-Spring and screw ranges share the same accessories, reducing the level of held inventory by up to 50%. The SNK range achieves the same or better functionality whilst utilizing fewer product variants.

Whatever your connection preference

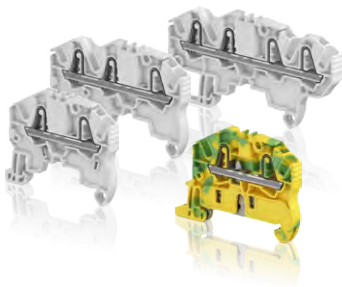
SNK series is now available in screw and screwless technologies to support your daily connection challenges. Design innovations make both installation and marking easier.

PI-Spring technology



New
range

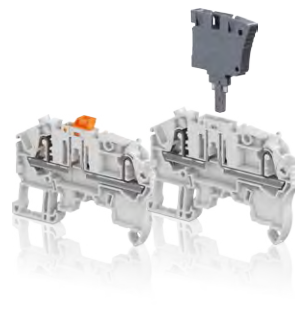
The PI-Spring terminal blocks range covers a large scope of applications from 2.5 to 16 mm²



Feed-through and ground



Double deck



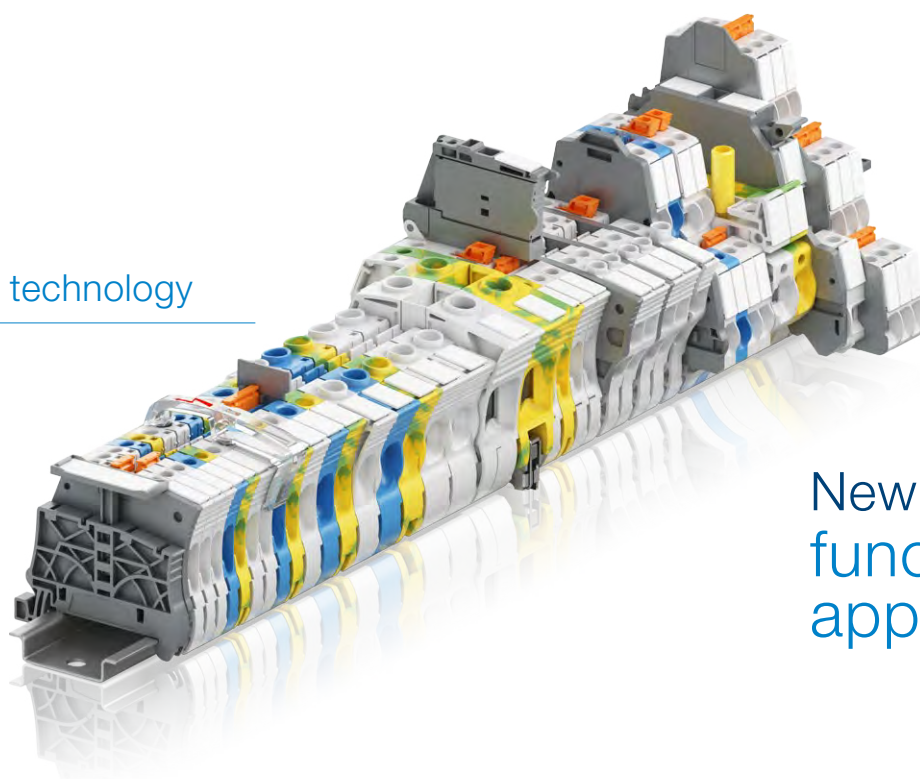
Disconnect with blade or plug



With fuse holder

The truly smart range

Screw clamp technology



New
functions and
applications

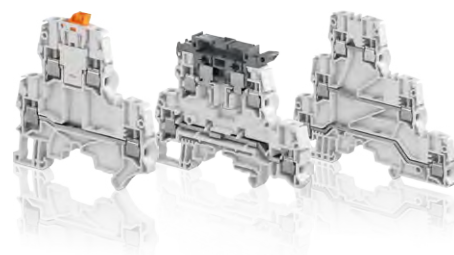
Discover our new products with additional functions and applications



Multi-clamp terminal blocks preferred for energy markets and highly demanding applications.



Dedicated terminal blocks with same profile as the fuse terminal blocks for process automation and marshalling applications.



Space-saving multi-level terminal blocks for high density applications.

ABB PI-Spring technology

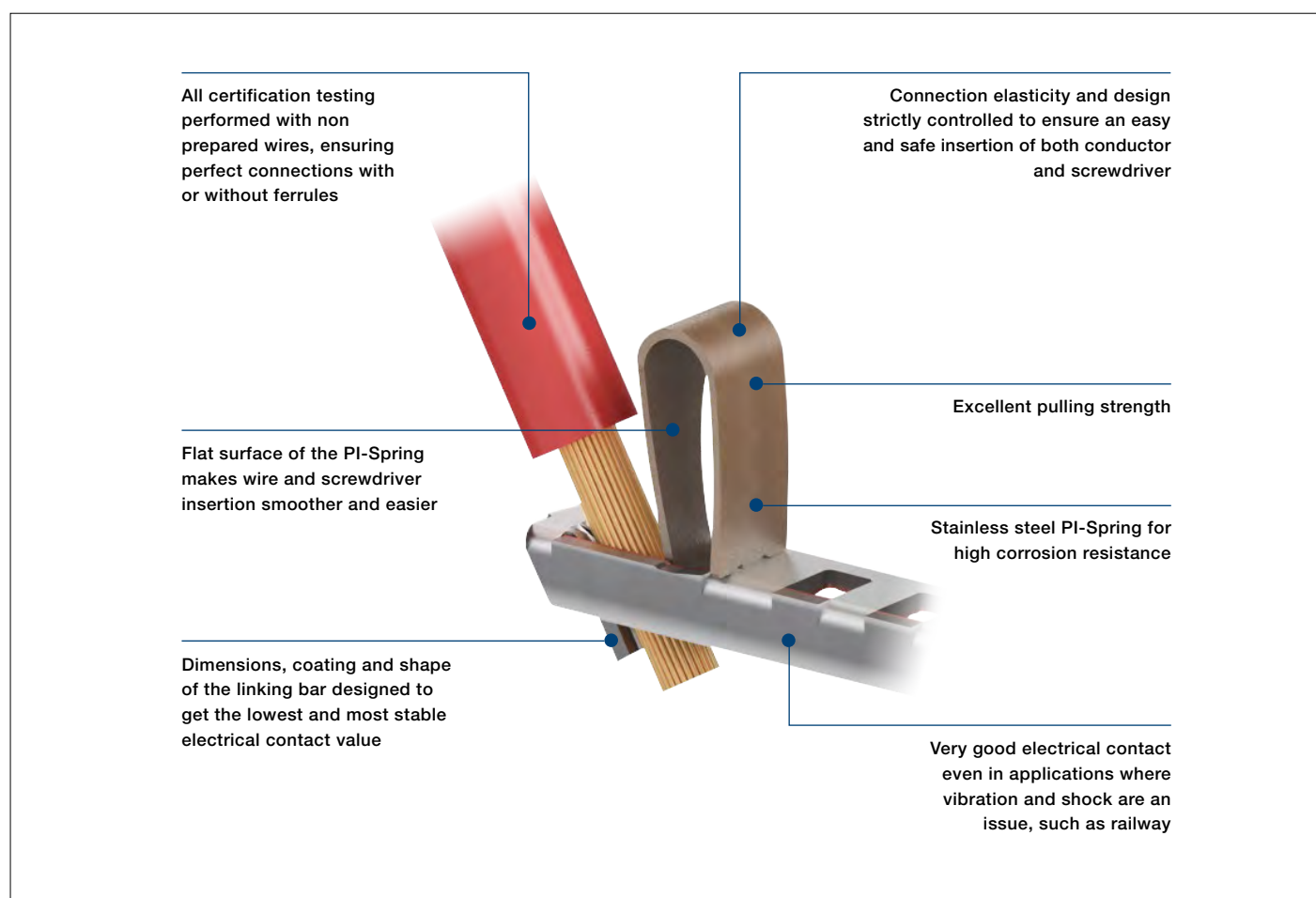
Two technologies in one connection

1

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

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

Features



From 0.2 mm² up to 25 mm²
From 26 AWG up to 4 AWG

ABB screw clamp technology

The heavy duty connection

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

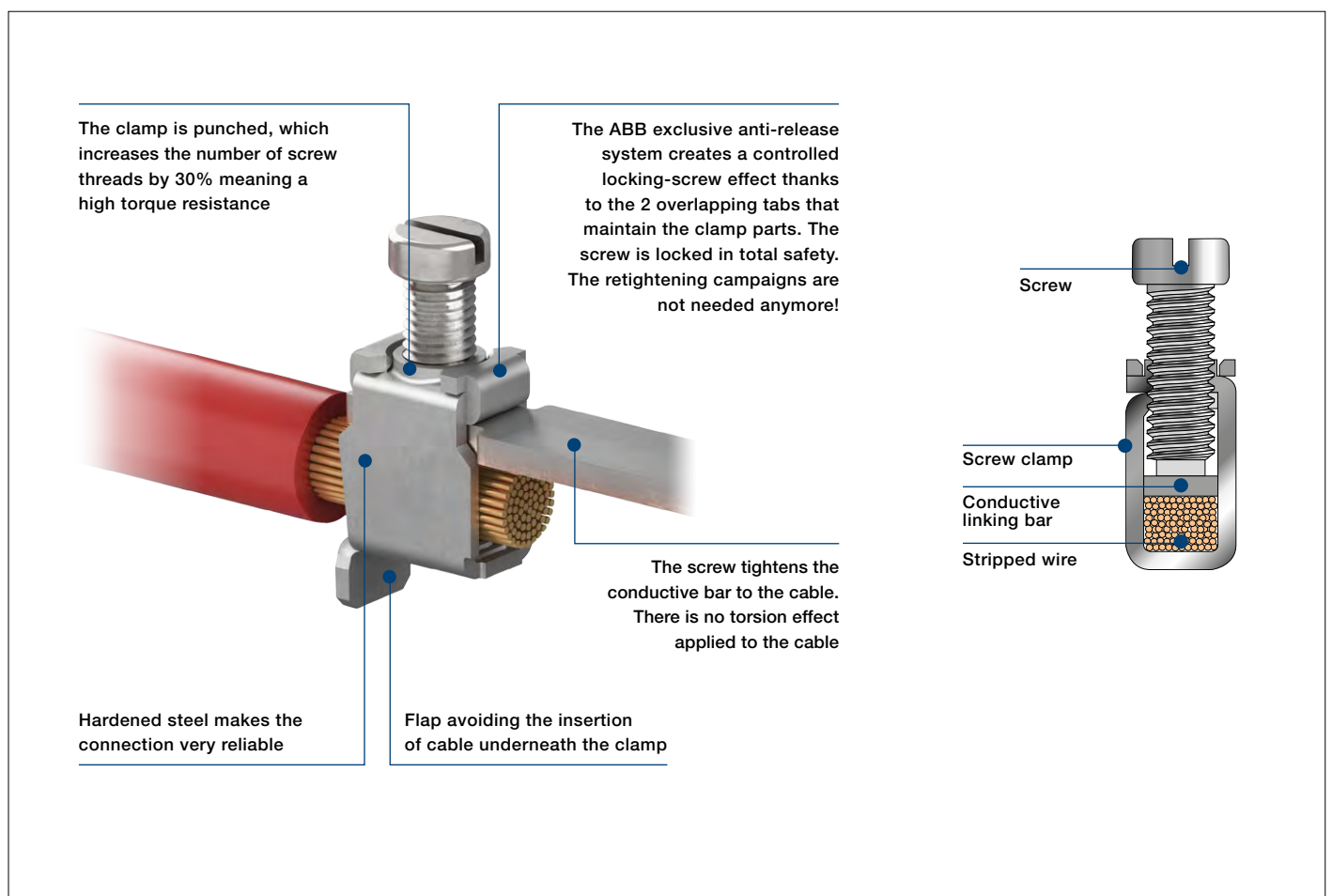
The ABB screw clamp technology is designed to avoid accidental releases due to vibrations, shocks or even abusive cable draw. Our exclusive design minimizes the needs of retightening campaigns.

High density capacity

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

1

Features



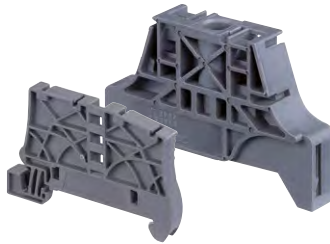
From 0.2 mm² up to 120 mm²
From 24 AWG up to 0000 Kcmil

SNK series, terminal blocks

PI-Spring and Screw common features

1

Common Accessories



Compact and screw end stops



Plug-in insulated jumpers



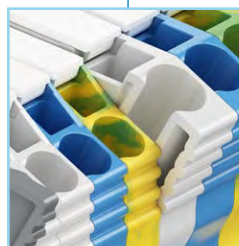
Cross spacing jumpers

PI-Spring and Screw tech

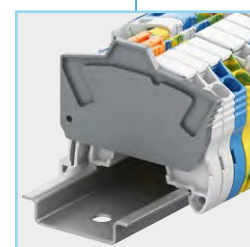
Common smart Design



Asymmetrical Design
avoid mounting errors



Engineered conductor entry
for ease of wiring



Fewer parts to stock
with common end sections



Testing devices

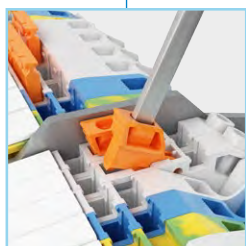


Screwless
component plugs



Blank and pre-marked
markers

Technologies terminal blocks



Disconnect blocks

operated by hand or screwdriver



Convenient jumpering system

up to 50 poles, divisible



Clear terminal block identification

Top large marker. Hand pre-marking
before final marker installation

SNK series, terminal blocks

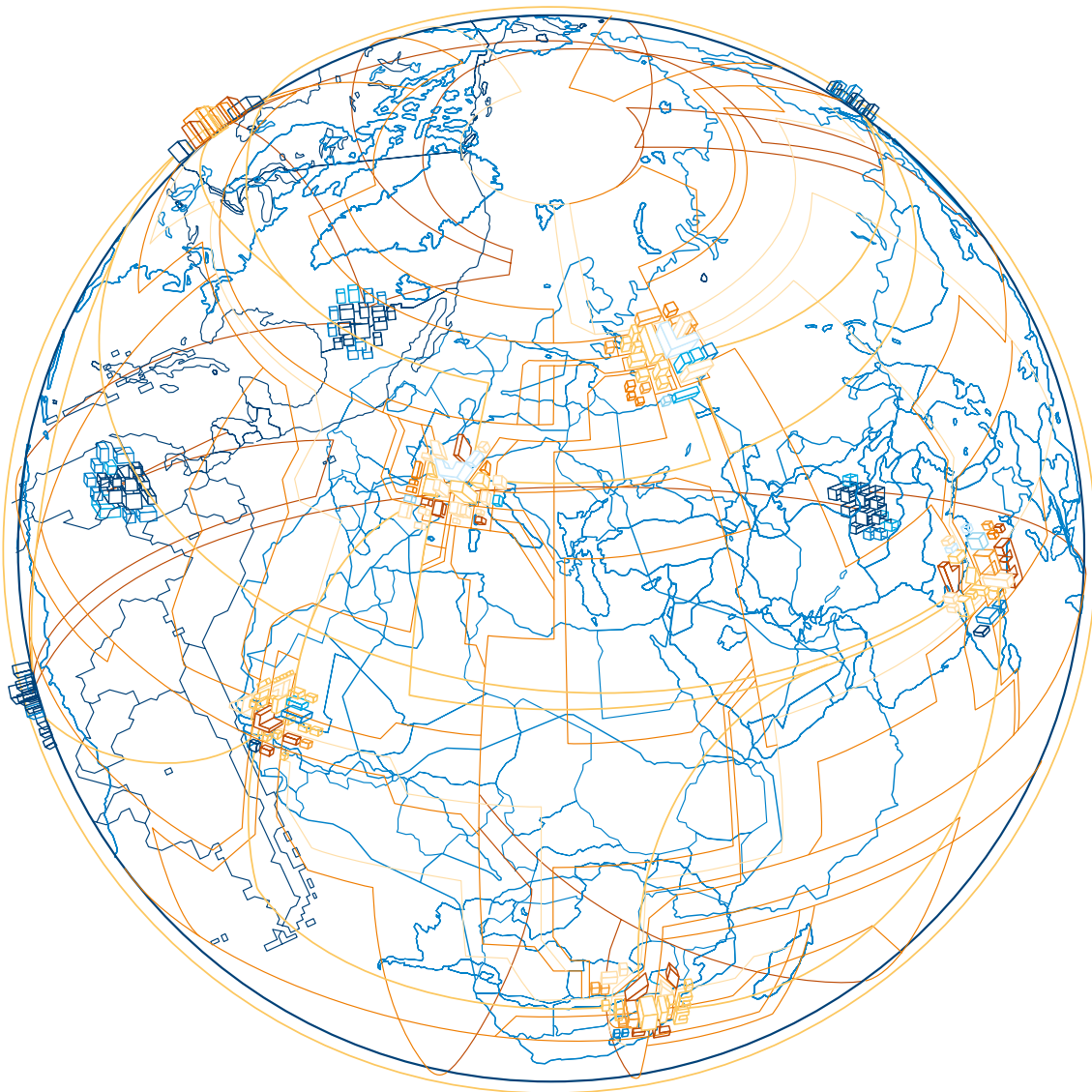
Applications

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



RoHS



Industry and Commercial



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

Solar



Thanks to their 1000 V rating per IEC 60947-7-1, SNK terminal blocks are ideally suited for use in solar equipment.

Railways



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

The plastic material used is compliant with the flammability, smoke toxicity and opacity severe requirements of the traction segment and can be classified I2F2 per NF F 16-101 and NF F 16-102 standards; HL3 per EN 45 545 standard and V0 per UL94 standard. It complies with NFPA 130 per ASTM E 162 and ASTM E 662 standards tests and with FR238.103 and BSS 7239 standards. The IRIS certificate guarantees the respect of international railway industry requirements.

Hazardous locations



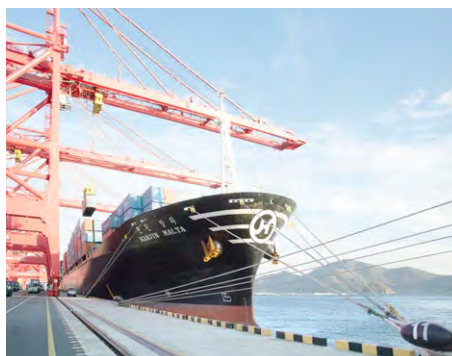
SNK series is certified IEC Ex in accordance with IEC 60079-0 and IEC 60079-7 (increased safety "Exe") world international standards for products used in explosive atmospheres.

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

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

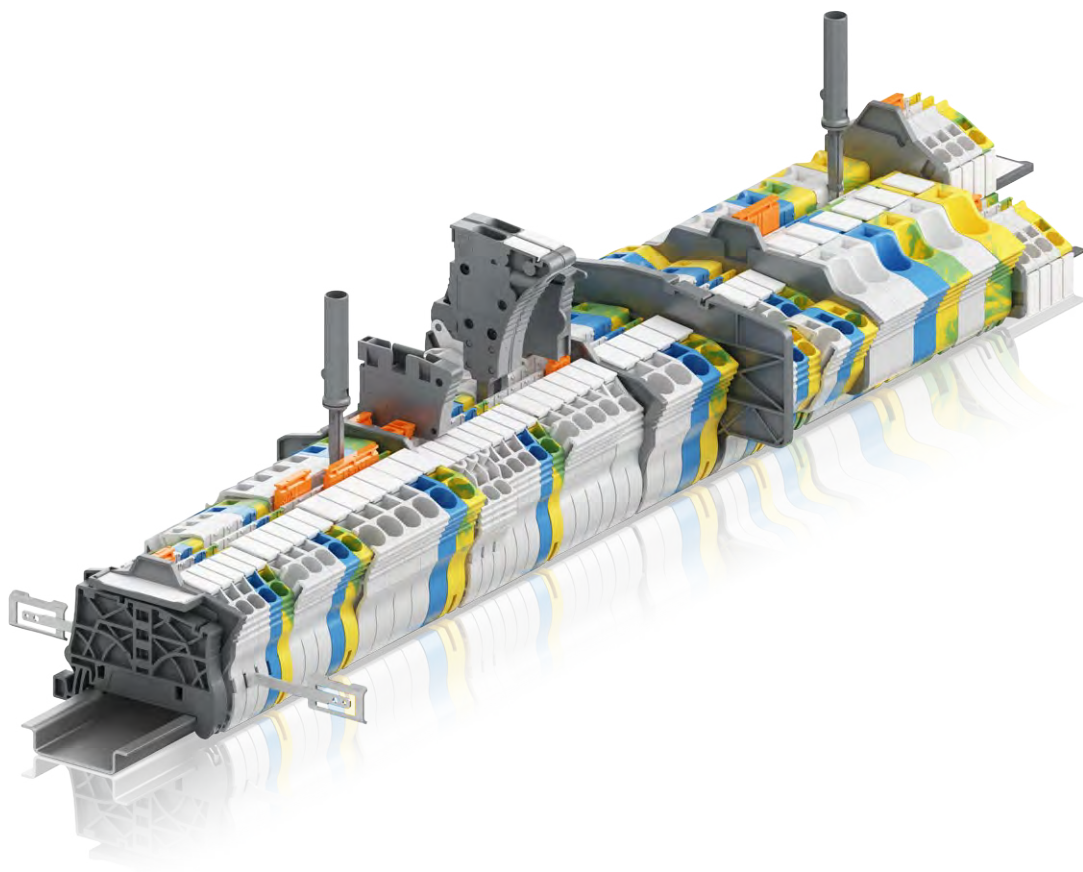
This proves the high mechanical performances of the SNK products.

Marine



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

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



SNK series, terminal blocks

PI-Spring technology



Technologies presentation	14
Overview	16

Feed-through

2.5 mm ² / 12 AWG	ZK2.5		17
	ZK2.5-3P	with 3 connections	18
	ZK2.5-4P	with 4 connections	19
4 mm ² / 10 AWG	ZK4		20
	ZK4-3P	with 3 connections	21
	ZK4-4P	with 4 connections	22
6 mm ² / 8 AWG	ZK6		23
	ZK6-3P	with 3 connections	24
10 mm ² / 6 AWG	ZK10		25
16 mm ² / 4 AWG	ZK16		26

Ground

2.5 mm ² / 12 AWG	ZK2.5-PE		27
	ZK2.5-PE-3P	with 3 connections	28
	ZP2.5-PE-4P	with 4 connections	29
4 mm ² / 10 AWG	ZK4-PE		30
	ZK4-PE-3P	with 3 connections	31
	ZK4-PE-4P	with 4 connections	32
6 mm ² / 8 AWG	ZK6-PE		33
	ZK6-PE-3P	with 3 connections	34
10 mm ² / 6 AWG	ZK10-PE		35
16 mm ² / 4 AWG	ZK16-PE		36

Disconnect with blade

2.5 mm ² / 12 AWG	ZK2.5-S	with test sockets	37
4 mm ² / 12 AWG	ZK2.5-S-R1		38

Disconnect with plug

2.5 mm ² / 12 AWG	ZK2.5-SP	with test sockets	39
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For 5x20 fuses

2.5 mm ² / 12 AWG	ZK2.5-SF		40
	ZK2.5-SF-R	with blown fuse indicator	41

Double deck

2.5 mm ² / 12 AWG	ZK2.5-D2	2 feed-through circuits	42
	ZK2.5-D1	1 feed-through circuit	43
	ZK2.5-D2-PE	1 feed-through circuit and 1 ground circuit	44
	ZK2.5-D1-PE	1 ground circuit	45

SNK series, terminal blocks

PI-Spring technology

2



Rely on our steady quality

ABB registered 3 patents for the PI-Spring technology.
The ABB's manufacturing and quality control processes guarantee that each PI-Spring terminal block is easy to connect.



Qualified for worldwide markets and applications, such as hazardous locations, marine, railways.



The benefits of 2 technologies in 1 connection

50% faster connection time with Push-in mode

Our connection technology allows a direct one step insertion with rigid and prepared flexible conductors.

Reduced effort and conductor preparation time with spring mode

Our connection requires minimal effort to insert wires with the screwdriver. Flexible conductors preparation is not necessary.



Two technologies in one single connection



Selection is simplified, stocking is significantly reduced

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

- Stock only one range, get two connection modes (Push-in and spring)
- The user selects one range which has global certifications and access to markets and applications worldwide.

Reduce your accessories inventory by up to 50%

- SNK PI-Spring and screw ranges share the same accessories
- All end sections and circuit separators fit several types and sizes of blocks.



2



Installation is optimized and secured

Avoid mounting and wiring errors

- Asymmetrical design allows immediate visual check in case of reversed terminal blocks
- Circuit identification is improved thanks to the 20% larger marking area.

Save up to 15% space in your cabinet

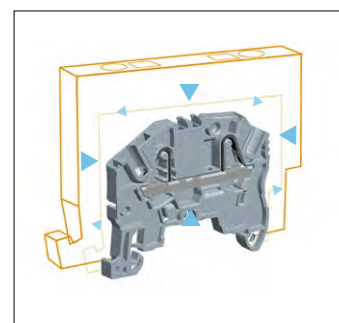
- Our compact design saves valuable space between cable trunks
- The 30° conductor entry angle allows up to a 15% decrease in height while allowing a generous bend radius.

Speed up your projects

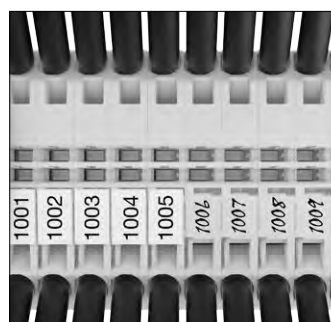
- Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
- Spare markers re-printing as well in case of modifications.



Asymmetrical design avoid mounting errors



Compact terminal blocks



Clear terminal block identification

SNK series, terminal blocks

PI-Spring technology



2 **New**



		Feed-through			Ground		
Section							
2.5 mm ²	12 AWG	ZK2.5	ZK2.5-3P	ZK2.5-4P	ZK2.5-PE	ZK2.5-PE-3P	ZK2.5-PE 4P
4 mm ²	10 AWG	ZK4	ZK4-3P	ZK4-4P	ZK4-PE	ZK4-PE-3P	ZK4-PE- 4P
6 mm ²	8 AWG	ZK6	ZK6-3P		ZK6-PE	ZK6-PE-3P	
10 mm ²	6 AWG	ZK10			ZK10-PE		
16 mm ²	4 AWG	ZK16			ZK16-PE		

New



		Feed-through		Ground	
Section					
2.5 mm ²	12 AWG	ZK2.5-D2	ZK2.5-D1	ZK2.5-D2-PE	ZK2.5-D1-PE

New



		With blade	With plug	For 5x20 mm fuses (0.197"x0.787")		Aligned with ZK2.5-SF
Section						
2.5 mm ²	12 AWG	ZK2.5-S	ZK2.5-SP	ZK2.5-SF	ZK2.5-SF-R1 ZK2.5-SF-R3	ZK2.5-S-R1

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

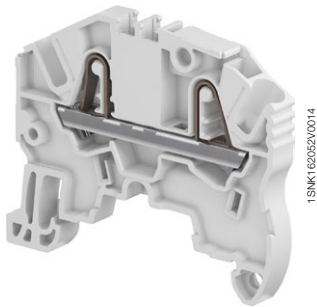
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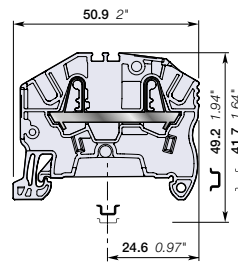
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ZK2.5 PI-Spring terminal blocks

Feed-through - 5.2 mm 0.205 in spacing



ZK2.5



5.2 mm 0.205 in spacing

Description

Combine high performance with compact dimensions:

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	26 ... 14 AWG
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 20 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Short Circuit Current Rating (with specific conditions)			100 KA
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		630 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	

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>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.76
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.84
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
		SHBP	1SNK900601R0000	20	4.12
8 Shield connectors					
9 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK2.5	Green-yellow	ZK2.5-PE	1SNK705150R0000	20	10.00

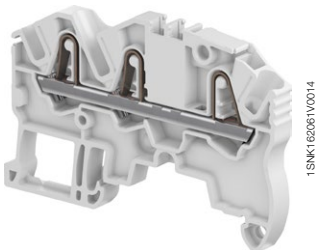
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK2.5-3P PI-Spring terminal blocks

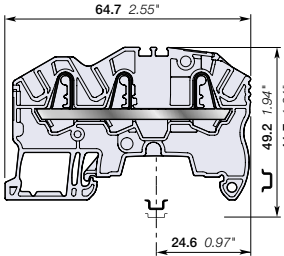
Feed-through with 3 connections - 5.2 mm 0.205 in spacing



2.5 mm²
12 AWG



ZK2.5-3P



5.2 mm 0.205 in spacing

Description

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

Ordering details

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

Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule	0.2 ... 4 mm ² 0.22 ... 2.5 mm ² 26 ... 12 AWG 26 ... 14 AWG	Wire stripping length 11 mm 0.433 in
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm ² 26 ... 20 AWG	Tool (for flexible conductor without ferrule) Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm ² 20 A / 12 AWG	
Rated short-time withstand current (1s)		300 A	
Short Circuit Current Rating (with specific conditions)		100 kA	
Rated voltage		1000 V 600 V	
Impulse withstand voltage		8000 V	
Protection		IP20 NEMA 1	
Increased safety Ex e		630 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	

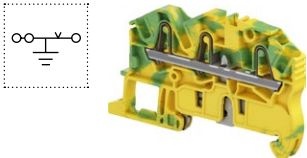
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CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
8 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



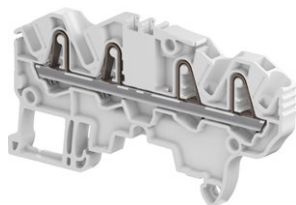
Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK2.5-3P	Green-yellow	ZK2.5-PE-3P	1SNK705151R0000	20	11.90

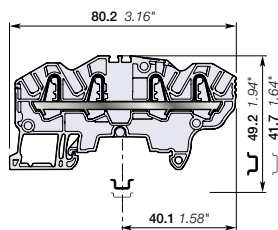
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK2.5-4P PI-Spring terminal blocks

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



ZK2.5-4P



5.2 mm 0.205 in spacing

Description

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

Ordering details

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

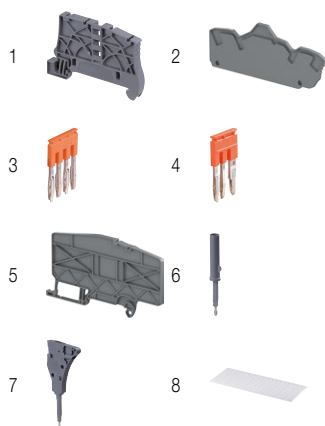
Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule	0.2 ... 4 mm² 0.22 ... 2.5 mm² 26 ... 14 AWG 26 ... 14 AWG	Wire stripping length TH 35-7.5, TH 35-15 11 mm 0.433 in
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm² 26 ... 20 AWG	Tool (for flexible conductor without ferrule) Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Short Circuit Current Rating (with specific conditions)		1000 V	100 kA
Rated voltage		8000 V	600 V
Impulse withstand voltage		IP20	NEMA 1
Protection		630 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	
Increased safety Ex e			

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>



Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.68
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
8 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

Ground PI-Spring terminal blocks

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

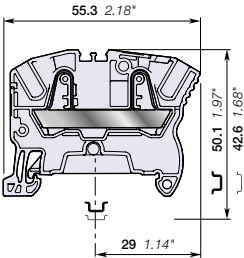
All the technical data for UL/CSA standard and dimensions in inches are in *italic*.

ZK4 PI-Spring terminal blocks

Feed-through - 6 mm 0.236 in spacing



ZK4



6 mm 0.236 in spacing

Description

Combine high performance with compact dimensions:

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey	ZK4	1SNK706010R0000	50	7.90
	Blue	ZK4-BL	1SNK706020R0000	50	7.90
	Orange	ZK4-OR	1SNK706030R0000	50	7.90

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG
	Flexible	0.5 ... 4 mm²	26 ... 12 AWG
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 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
Increased safety Ex e		630 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

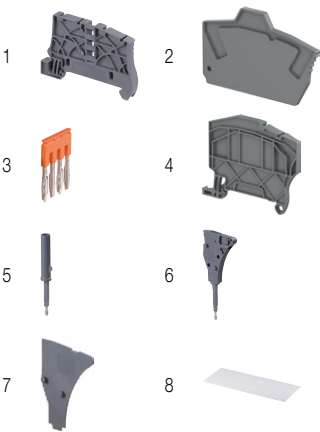
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.76
3 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.84
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
8 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	Grey	MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder		UMH	1SNK900611R0000	10	0.20

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



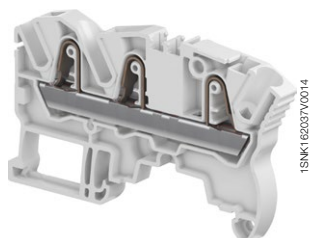
Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK4	Green-yellow	ZK4-PE	1SNK706150R0000	20	12.60

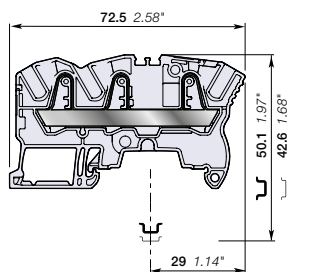
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK4-3P PI-Spring terminal blocks

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



ZK4-3P



6 mm 0.236 in Spacing

Description

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

Ordering details

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

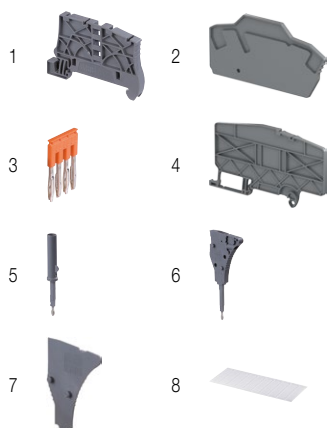
Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 4 mm²		Wire stripping length	12.5 mm 0.492 in
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG		
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG		
2 conductors per clamp		Flexible with twin ferrule	0.5 ... 1 mm²	Tool (for flexible conductor without ferrule)	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		630 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III			

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

Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
3 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
8 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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 terminal blocks

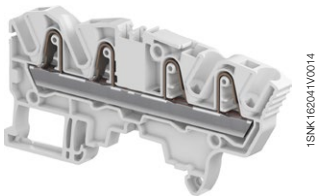
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK4-3P	Green-yellow	ZK4-PE-3P	1SNK706151R0000	20	15.70

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

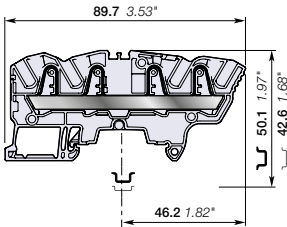
ZK4-4P PI-Spring terminal blocks

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

2



ZK4-4P



6 mm 0.236 in spacing

Description

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG	Wire stripping length		12.5 mm 0.492 in
	Flexible	0.5 ... 4 mm²				
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG			
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG			
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG	Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG			
Rated short-time withstand current (1s)		480 A				
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			
Increased safety Ex e		630 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III/C				

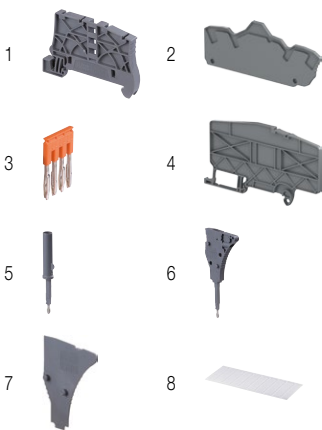
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV

Accessories



Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.68
3 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
8 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.



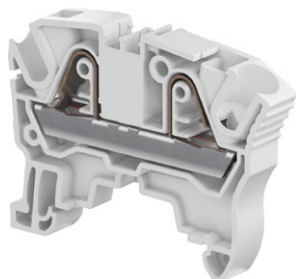
Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK4-4P	Green-yellow	ZK4-PE-4P	1SNK706152R0000	20	18.40

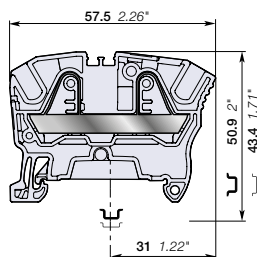
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK6 PI-Spring terminal blocks

Feed-through - 8 mm 0.315 in spacing



ZK6



8 mm 0.315 in spacing

Description

Combine high performance with compact dimensions:

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey	ZK6	1SNK708010R0000	50	11.80
	Blue	ZK6-BL	1SNK708020R0000	50	11.80
	Orange	ZK6-OR	1SNK708030R0000	50	11.80

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 8 AWG
	Flexible	0.5 ... 6 mm²	24 ... 10 AWG
	with non insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		41 A / 6 mm²	50 A / 8 AWG
Rated short-time withstand current (1s)		720 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		630 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm 0.157 in

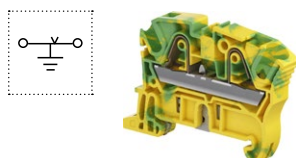
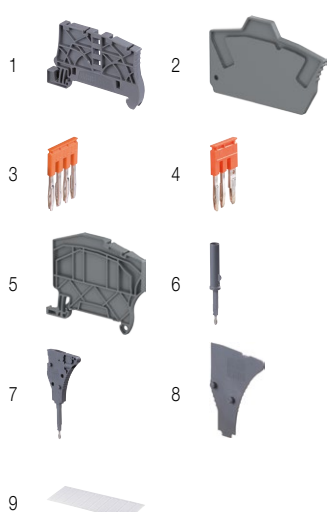
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	UL	CSA	UL	CSA	UL	CSA	UL	CSA
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	UL	CSA	UL	CSA	UL	CSA	UL	CSA

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.76
3 Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.84
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
8 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.35
9 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



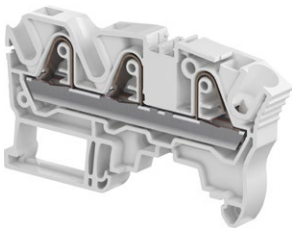
Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK6	Green-yellow	ZK6-PE	1SNK708150R0000	20	20.30

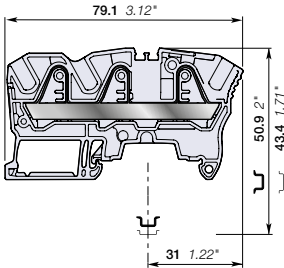
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK6-3P PI-Spring terminal blocks

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



ZK6-3P



8 mm 0.315 in spacing

Description

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 8 AWG	Wire stripping length		12.5 mm 0.492 in
	Flexible	0.5 ... 6 mm²				
	with non insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG			
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG			
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1.5 mm²	24 ... 16 AWG	Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		41 A / 6 mm²	50 A / 8 AWG			
Rated short-time withstand current (1s)		720 A				
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			
Increased safety Ex e		630 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/C				

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 in

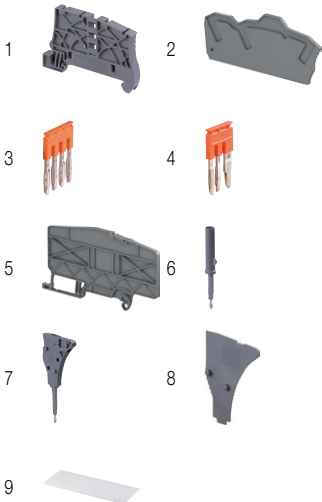
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	USR CNR	CSA	Gost R	ATEX	IECEx	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK6-3P	1SNK708911R0000	20	2.79
3 Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
8 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.35
9 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



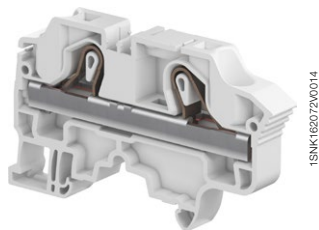
Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK6-3P	Green-yellow	ZK6-PE-3P	1SNK708151R0000	20	21.50

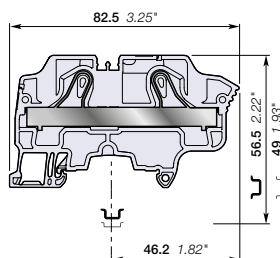
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK10 PI-Spring terminal blocks

Feed-through - 10 mm 0.394 in spacing



ZK10



10 mm 0.394 in spacing

Description

Combine high performance with compact dimensions:

- 1000 V IEC 600 V UL,
- 57 A IEC 65 A UL.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through 2 connections	Grey	ZK10	1SNK710010R0000	20	27.20
	Blue	ZK10-BL	1SNK710020R0000	20	27.20
	Orange	ZK10-OR	1SNK710030R0000	20	27.20

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	20 ... 6 AWG
	Flexible	0.5 ... 10 mm²	20 ... 8 AWG
	with non insulated ferrule	0.5 ... 10 mm²	20 ... 8 AWG
2 conductors per clamp	with insulated ferrule	0.5 ... 10 mm²	20 ... 8 AWG
	Flexible with twin ferrule	0.5 ... 4 mm²	20 ... 12 AWG
Rated current / Rated cross section		57 A / 10 mm²	55 A / 6 AWG
Rated short-time withstand current (1s)		1200 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		630 V 51 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III/IV	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		15 mm 0.591 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 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>

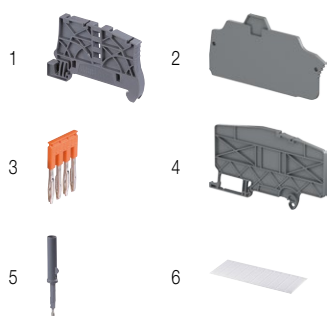
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK10	1SNK710910R0000	20	3.26
3 Jumper bars	Orange	JB10-2	1SNK910302R0000	50	4.60
		JB10-3	1SNK910303R0000	50	7.10
		JB10-4	1SNK910304R0000	40	9.40
		JB10-5	1SNK910305R0000	30	12.00
		JB10-10	1SNK910310R0000	20	24.00
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
		TP8	1SNK900206R0000	20	2.41
6 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

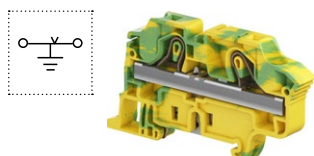
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZK10	Green-yellow	ZK10-PE	1SNK710150R0000	20	36.20

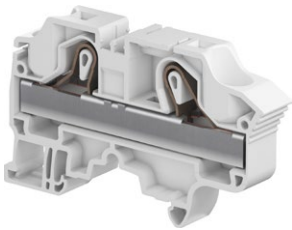
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.



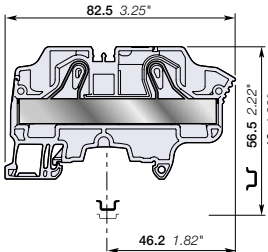
ZK16 PI-Spring terminal blocks

Feed-through - 12 mm 0.472 in spacing

2



ZK16



12 mm 0.472 in spacing

Description

Combine high performance with compact dimensions:

- 1000 V IEC 600 V UL,
- 76 A IEC 85 A UL.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Feed-through 2 connections	Grey	ZK16	1SNK712010R0000	20	33.80
	Blue	ZK16-BL	1SNK712020R0000	20	33.80

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	20 ... 4 AWG
	Flexible	0.5 ... 16 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	20 ... 6 AWG
	with insulated ferrule	0.5 ... 16 mm²	20 ... 6 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 6 mm²	20 ... 10 AWG
Rated current / Rated cross section		76 A / 16 mm²	75 A / 4 AWG
Rated short-time withstand current (1s)		1960 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		630 V 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		15 mm 0.591 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 in

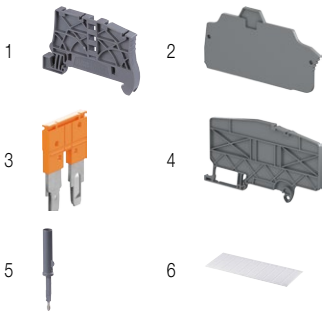
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV

Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK10	1SNK710910R0000	20	3.26
3 Jumper bars	Orange	2 poles	JB12-2	50	4.86
		3 poles	JB12-3	50	7.55
		5 poles	JB12-5	20	12.93
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	20	1.73
		For test plugs DIA 4 mm 0.157 in	TP4	20	2.41
6 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	Universal wire markers holder UMH	1SNK900611R0000	10	0.20

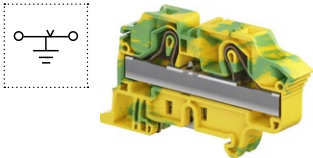
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Ground PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg	Weight
Ground Profile aligned with ZK16	Green-yellow	ZK16-PE	1SNK712150R0000	20	47.00

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

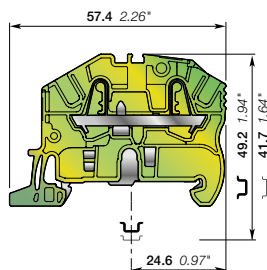


ZK2.5-PE PI-Spring terminal blocks

Ground - 5.2 mm 0.205 in spacing



ZK2.5-PE



5.2 mm 0.205 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG	Wire stripping length		11 mm 0.433 in
	Flexible	0.22 ... 2.5 mm²	26 ... 12 AWG			
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG			
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG			
				Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated cross section		2.5 mm²	12 AWG			
Rated short-time withstand current (1s)		300 A	396 A			
Protection		IP20	NEMA 1			
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC				

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>

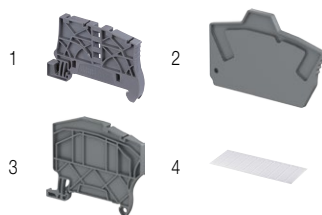
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV											
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV											

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.76
3 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.84
4 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

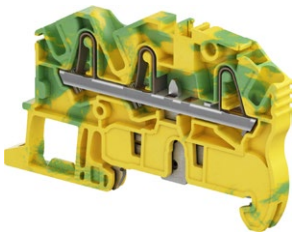
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

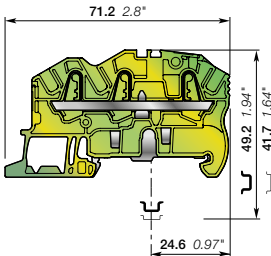


ZK2.5-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 5.2 mm 0.205 in spacing



ZK2.5-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 the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- profile aligned with ZK2.5-3P.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground 3 connections	Green-yellow	ZK2.5-PE-3P	1SNK705151R0000	20	11.90

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	26 ... 14 AWG
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
Rated cross section		2.5 mm²	12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC	

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	IEC	RoHS	USR CNR	CSA	Gost R	ATEX	IECEX	BV
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.76
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
4 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

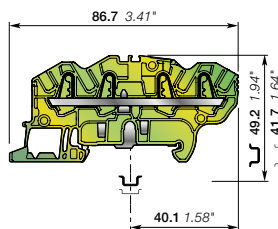
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

Ground with 4 connections - 5.2 mm 0.205 in spacing



ZK2.5-PE-4P



5.2 mm 0.205 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	26 ... 12 AWG
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
Rated cross section		2.5 mm²	12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb IIC/IIC	

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>

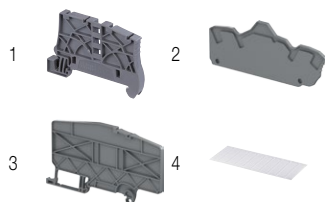
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.68
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
4 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

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 *italics*.

ZK4-PE PI-Spring terminal blocks

Ground - 6 mm 0.236 in spacing

2

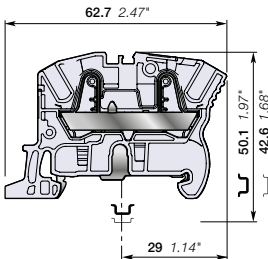


4 mm²
10 AWG



1SNK16206V0014

ZK4-PE



6 mm 0.236 in spacing

Description

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

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground 2 connections	Green-yellow	ZK4-PE	1SNK706150R0000	20	12.60

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm ²	26 ... 10 AWG
	Flexible	0.5 ... 4 mm ²	
	with non insulated ferrule	0.5 ... 4 mm ²	26 ... 12 AWG
	with insulated ferrule	0.5 ... 4 mm ²	26 ... 12 AWG
Rated cross section		4 mm ²	10 AWG
Rated short-time withstand current (1s)		480 A	636 A
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

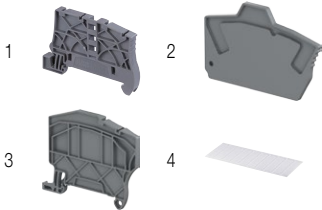
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5	1SNK705910R0000	20	1.76
3 Circuit separators	Dark grey	CS-R2	1SNK900106R0000	20	3.84
4 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.



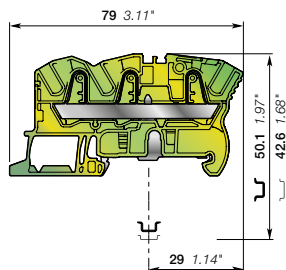
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK4-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 6 mm 0.236 in spacing



ZK4-PE-3P



6 mm 0.236 in spacing

Description

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

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

Ordering details

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

Main technical data

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

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>

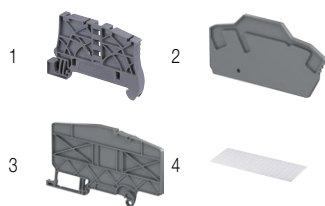
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
4 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

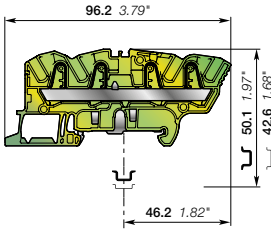


ZK4-PE-4P PI-Spring terminal blocks

Ground with 4 connections - 6 mm 0.236 in spacing



ZK4-PE-4P



6 mm 0.236 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG
	Flexible	0.5 ... 4 mm²	
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
Rated cross section		4 mm²	10 AWG
Rated short-time withstand current (1s)		480 A	636 A
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 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>

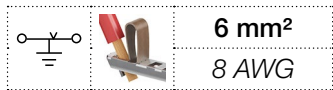
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
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Accessories

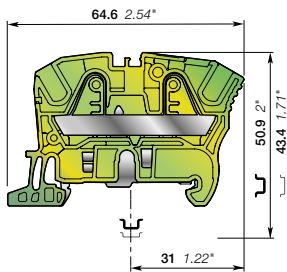
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.68
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
4 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	Dark grey	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

ZK6-PE PI-Spring terminal blocks
Ground - 8 mm *0.315 in* spacing



ZK6-PE



8 mm 0.315 in spacing

Description

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

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

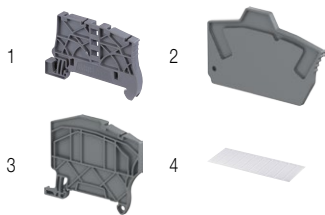
Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm ²	24 ... 8 AWG	Wire stripping length		12.5 mm 0.492 in
	Flexible	0.5 ... 6 mm ²				
	with non insulated ferrule	0.5 ... 6 mm ²	24 ... 10 AWG			
	with insulated ferrule	0.5 ... 6 mm ²	24 ... 10 AWG			
				Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 in
Rated cross section		6 mm ²	8 AWG			
Rated short-time withstand current (1s)		720 A	1008 A			
Protection		IP20	NEMA 1			
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/III/C				

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



Accessories

Description				Color	Type	Order code	Pkg	Weight
							pce	(1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey 	BAZ1	1SNK900002R0000	20	5.30
2	End sections	2 mm	0.079 in	Dark grey 	EK2.5	1SNK705910R0000	20	1.76
3	Circuit separators	3 mm	0.118 in	Dark grey 	CS-R2	1SNK900106R0000	20	3.84
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

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.

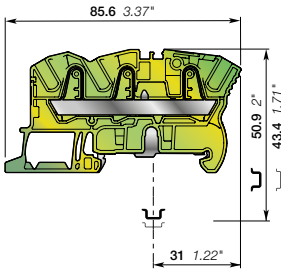
ZK6-PE-3P PI-Spring terminal blocks

Ground with 3 connections - 8 mm 0.315 in spacing

2



ZK6-PE-3P



8 mm 0.315 in spacing

Description

- Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- rail contact non operator dependent,
 - Performances above the requirements of the IEC 60947-7-2 terminal block standard,
 - Secured snap on or off the rail,
 - profile aligned with ZK6-3P.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground 3 connections	Green-yellow	ZK6-PE-3P	1SNK708151R0000	20	21.50

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 8 AWG
	Flexible	0.5 ... 6 mm²	24 ... 10 AWG
	with non insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG
Rated cross section		6 mm²	8 AWG
Rated short-time withstand current (1s)		720 A	1008 A
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 in

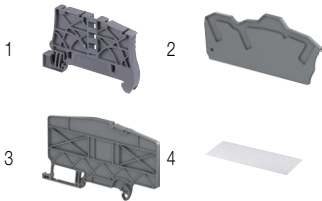
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK6-3P	1SNK708911R0000	20	2.79
3 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
4 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



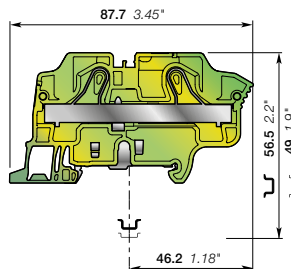
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK10-PE PI-Spring terminal blocks

Ground - 10 mm 0.394 in spacing



ZK10-PE



10 mm 0.394 in spacing

Description

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

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

Ordering details

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

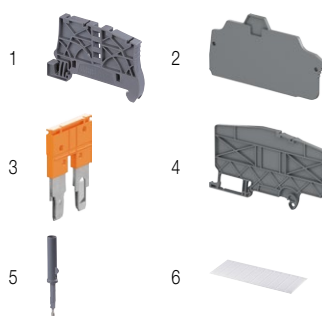
Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	20 ... 6 AWG	Wire stripping length		15 mm 0.591 in
	Flexible	0.5 ... 10 mm²	20 ... 8 AWG			
	with non insulated ferrule	0.5 ... 10 mm²	20 ... 8 AWG			
	with insulated ferrule	0.5 ... 10 mm²	20 ... 8 AWG			
				Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 in
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/III				

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

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	20	5.30
2 End sections 2 mm 0.079 in	Dark grey	EK10	1SNK710910R0000	20	3.26
3 Jumper bars 2 poles 76 A	Orange	JB10-2	1SNK910302R0000	50	4.60
4 Circuit separators 3 mm 0.118 in	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters For test plugs DIA 2 mm 0.079 in For test plugs DIA 4 mm 0.157 in	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Terminal block markers Blank card	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

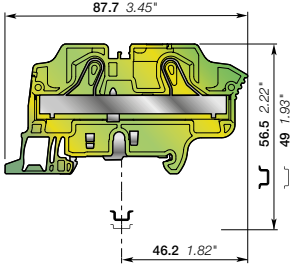
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZK16-PE PI-Spring terminal blocks

Ground - 12 mm 0.472 in spacing



ZK16-PE



12 mm 0.472 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	20 ... 4 AWG
	Flexible	0.5 ... 16 mm²	20 ... 4 AWG
	with non insulated ferrule	0.5 ... 16 mm²	20 ... 6 AWG
	with insulated ferrule	0.5 ... 16 mm²	20 ... 6 AWG
Rated cross section		16 mm²	4 AWG
Rated short-time withstand current (1s)		1960 A	2544 A
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IC/IIIC	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		15 mm 0.591 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 4 mm Ø 0.157 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
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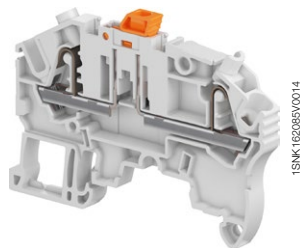
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK10	1SNK710910R0000	20	3.26
3 Jumper bars	Orange	JB12-2	1SNK912302R0000	50	4.86
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
6 Terminal block markers		TP4	1SNK900205R0000	20	2.41
	White	MC812	1SNK160000R0000	22	10.00
	Grey	MC812PA	1SNK169999R0000	20	14.00
Universal wire markers holder		UMH	1SNK900611R0000	10	0.20

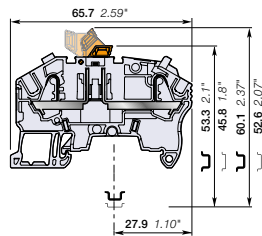
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZK2.5-S PI-Spring terminal blocks

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



ZK2.5-S



5.2 mm 0.205 in spacing

Description

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

Secure the current measurement:

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

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Disconnect with 2 test sockets DIA 2 mm 0.079 in	Grey	ZK2.5-S	1SNK705310R0000	50	8.10
	Blue	ZK2.5-S-BL	1SNK705320R0000	50	8.10
	Orange	ZK2.5-S-OR	1SNK705330R0000	50	8.10

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	26 ... 12 AWG
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp		with twin ferrule	0.22 ... 0.5 mm² 26 ... 20 AWG
Rated current / Rated cross section		20 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		630 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 (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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>

CE	IEC CB	RoHS	UL	CSA	Gost R	BV
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Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
2 End sections	Dark grey	JB5-2	1SNK905302R0000	50	1.30
3 Jumper bars	Orange	JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
		CS-R3	1SNK900107R0000	20	6.44
4 Circuit separators	Dark grey	TP2	1SNK900203R0000	20	1.73
5 Test adapters	Dark grey	TP4	1SNK900205R0000	20	2.41
		TC5	1SNK900200R0000	10	5.23
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
		SHBP	1SNK900601R0000	20	4.12
7 Shield connectors	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20
8 Terminal block markers					

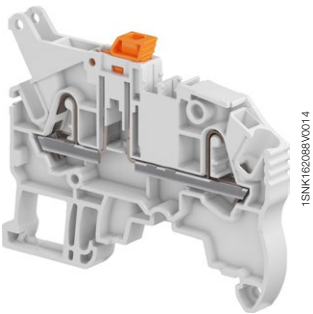
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

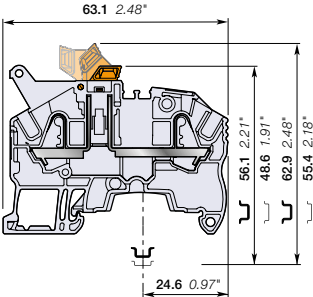
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

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

Disconnect with blade - 6 mm 0.236 in spacing



ZK2.5-S-R1



6 mm 0.236 in spacing

Description

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

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Disconnect	Profile aligned with ZK2.5-SF	Grey	ZK2.5-S-R1	1SNK706310R0000	50 (1 pce) 9

Main technical data

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

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect 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>

CE	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	UL	CSA	Gost R	BV

Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20 (1 pce) 9	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
3 Jumper bars	Orange	JB6-2 JB6-3 JB6-4 JB6-5 JB6-10 JB6-50	1SNK906302R0000 1SNK906303R0000 1SNK906304R0000 1SNK906305R0000 1SNK906310R0000 1SNK906350R0000	50 50 50 50 20 10	1.30 2.10 2.90 3.60 7.40 38.10
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	TP2 TP4	1SNK900203R0000 1SNK900205R0000	20 20	1.73 2.41
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
8 Terminal block markers	White	MC612 MC612PA	1SNK150000R0000 1SNK159999R0000	22 20	10.00 11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

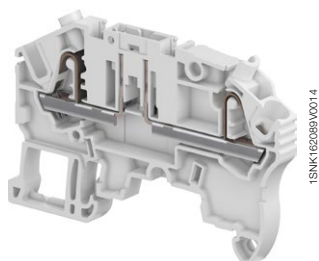
PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg	Weight
Feed-through	Grey	ZK4-3P	1SNK706011R0000	50 (1 pce) 9	11.00
Fuse	Grey, dark grey	ZK2.5-SF	1SNK706410R0000	50	16.20

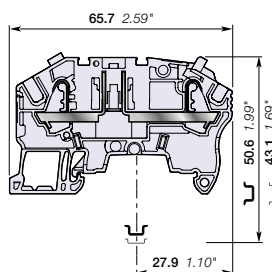
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK2.5-SP PI-Spring terminal blocks

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



ZK2.5-SP



5.2 mm 0.205 in spacing

Description

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

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect with 2 test sockets DIA 2 mm 0.079 in	Grey	ZK2.5-SP	1SNK705311R0000	50	11.50

Main technical data

Connecting capacity	IEC	UL - CSA
1 conductor per clamp		
Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
Flexible	0.22 ... 2.5 mm²	
with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp		
with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section	16 A / 2.5 mm²	18 A / 12 AWG
Rated short-time withstand current (1s)	300 A	
Rated voltage	630 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 (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	UL	CSA	Gost R	BV
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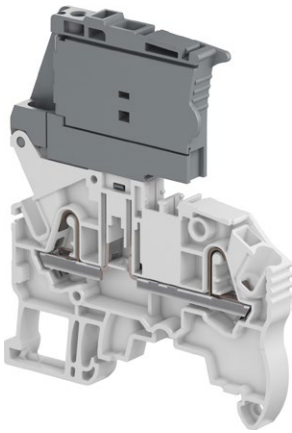
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
3 Jumper bars	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	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
For test plugs DIA 2 mm 0.079 in		TP4	1SNK900205R0000	20	2.41
For test plugs DIA 4 mm 0.157 in					
6 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
5.2 mm 0.205 in spacing		TC5-R1	1SNK900201R0000	10	5.23
End module, 5.2 mm 0.205 in		SHBP	1SNK900601R0000	20	4.12
7 Shield connectors					
8 Component plugs	Dark grey	PG5	1SNK900401R0000	20	3.45
9 Disconnect plugs	Orange	PG5-R1	1SNK900402R0000	20	3.45
10 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
Blank card		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

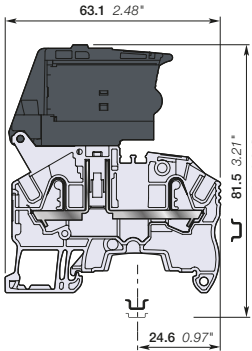
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZK2.5-SF PI-Spring terminal blocks

For 5x20 fuses - 6 mm 0.236 in spacing



ZK2.5-SF



6 mm 0.236 in spacing

Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the 2 jumper channels aligned with ZK4-3P feed-through and ZK2.5-S-R1 disconnect terminal blocks.

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	26 ... 14 AWG
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		6.3 A / 2.5 mm²	16 A / 12 AWG
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 (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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

Separate arrangement		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>

CE	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	UL	CSA	Gost R	BV

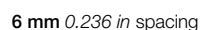
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2 End sections	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.42
3 Jumper bars	Orange	2 poles	JB6-2	50	1.30
		3 poles	JB6-3	50	2.10
		4 poles	JB6-4	50	2.90
		5 poles	JB6-5	50	3.60
		10 poles	JB6-10	20	7.40
		50 poles	JB6-50	10	38.10
4 Circuit separators	Dark grey	CS-R3	1SNK900107R0000	20	6.44
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	20	1.73
		For test plugs DIA 4 mm 0.157 in	TP4	20	2.41
6 Test connectors	Dark grey	End module, 5.2 mm 0.205 in	TC5-R1	10	5.23
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
	White	MC612	1SNK150000R0000	22	10.00
	Grey	MC612PA	1SNK159999R0000	20	11.00
8 Terminal block markers	Grey	Universal wire markers holder	UMH	10	0.20

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 *italics*.

2

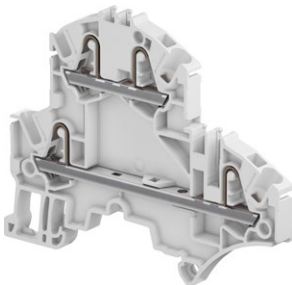


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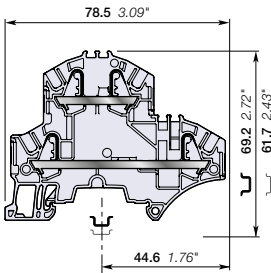
ZK2.5-D2 PI-Spring terminal blocks

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

2



ZK2.5-D2



5.2 mm 0.205 in spacing

Description

Combine high performance with compact dimensions:

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 2 feed-through circuits	Grey	ZK2.5-D2	1SNK705210R0000	50	11.20
	Blue	ZK2.5-D2-BL	1SNK705220R0000	50	11.20

Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG	Wire stripping length		11 mm 0.433 in
	Flexible	0.22 ... 2.5 mm²				
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG			
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG			
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG	Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A/ 2.5 mm²	20 A/ 12 AWG			
Rated short-time withstand current (1s)		300 A				
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			
Increased safety Ex e		630 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III				

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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	USH CNR	CSA	Gost R	ATEX	IECEx	BV

Accessories

Description				Color	Type	Order code		Pkg	Weight
								pce	(1 pce) g
1	End stops	10 mm	0.394 in	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	End sections	2 mm	0.079 in	Dark grey	EK2.5-D2	1SNK705960R0000		20	3.43
3	Jumper bars	2 poles	32 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	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
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

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.

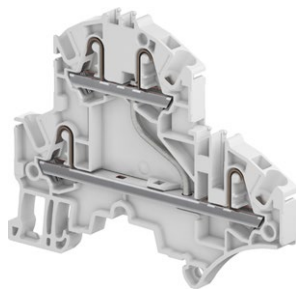
Double deck PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck Profile aligned with ZK2.5-D2 and ZK2.5-D1	Green-yellow	ZK2.5-D1-PE	1SNK705250R0000	50	15.70

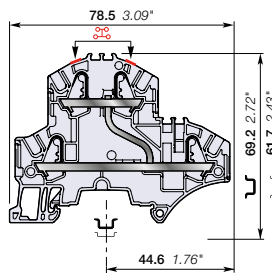
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK2.5-D1 PI-Spring terminal blocks

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



ZK2.5-D1



5.2 mm 0.205 in spacing

Description

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 feed-through circuit	Grey	ZK2.5-D1	1SNK705211R0000	50	11.20

Main technical data

Connecting capacity	IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded 0.2 ... 4 mm² Flexible 0.22 ... 2.5 mm² with non insulated ferrule 0.22 ... 2.5 mm² with insulated ferrule 0.22 ... 2.5 mm²	26 ... 12 AWG 26 ... 14 AWG 26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule 0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section	24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)	300 A	
Short Circuit Current Rating (with specific conditions)		
Rated voltage	800 V	600 V
Impulse withstand voltage	8000 V	
Protection	IP20	NEMA 1
Increased safety Ex e	630 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	

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

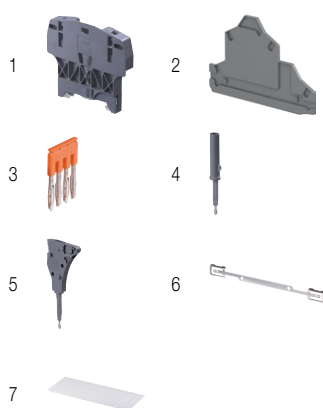
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV

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 mm 0.079 in	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.43
3 Jumper bars 2 poles 32 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 Test adapters For test plugs DIA 2 mm 0.079 in For test plugs DIA 4 mm 0.157 in	Dark grey	TP2	1SNK900203R0000	20	1.73
		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
	Grey	UMH	1SNK149999R0000	20	10.00
		Universal wire markers holder	1SNK900611R0000	10	0.20

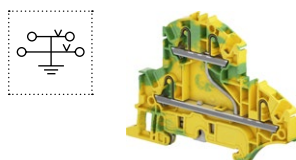
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Double deck PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck Profile aligned with ZK2.5-D2 and ZK2.5-D1	Green-yellow	ZK2.5-D1-PE	1SNK705250R0000	50	15.70

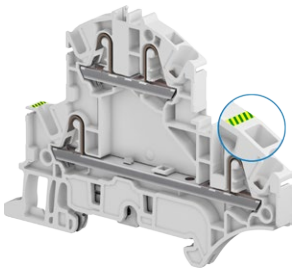
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.



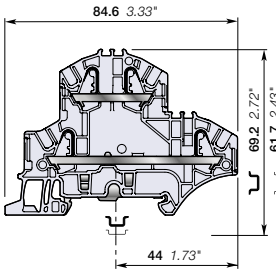
ZK2.5-D2-PE PI-Spring terminal blocks

Double deck with 1 feed-through circuit and 1 ground circuit

5.2 mm 0.205 in spacing



ZK2.5-D2-PE



5.2 mm 0.205 in spacing

Description

Combine high performance with compact dimensions:

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 feed-through circuit and 1 ground circuit	Grey, green-yellow	ZK2.5-D2-PE	1SNK705212R0000	20	15.70

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	Flexible with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Short Circuit Current Rating (with specific conditions)			
Rated voltage		800 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1
Increased safety Ex e		630 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IC/IIIC	

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

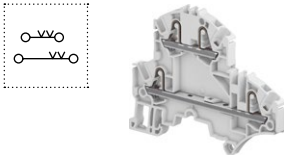
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE CB RoHS USR CNR CSA Gost R ATEX IECEx BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.43
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
5 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
		SHB	1SNK900602R0000	20	4.90
6 Shield connectors		MC512	1SNK140000R0000	22	9.00
7 Terminal block markers	White	MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.



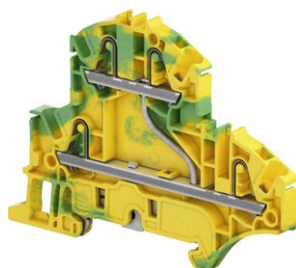
Double deck PI-Spring terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck	Grey	ZK2.5-D2	1SNK705210R0000	50	11.20

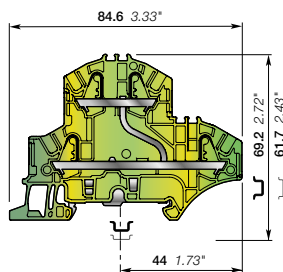
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

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

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



ZK2.5-D1-PE



5.2 mm 0.205 in spacing

Description

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

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 ground circuit	Green-yellow	ZK2.5-D1-PE	1SNK705250R0000	20	15.70

Main technical data

Connecting capacity	IEC	UL - CSA	Rail	Wire stripping length	TH 35-7.5, TH 35-15
1 conductor per clamp					
Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG			
Flexible	0.22 ... 2.5 mm²	26 ... 14 AWG			
with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG			
with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG			
Rated cross section	2.5 mm²	12 AWG			
Rated short-time withstand current (1s)	300 A	396 A			
Protection	IP20	NEMA 1			
Explosive atmosphere classification	IM2 II 2 GD Ex eb IIC/IIC				

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>

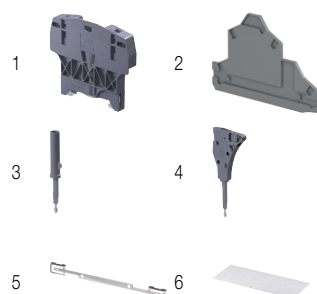
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BV

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 mm 0.079 in	Dark grey	EK2.5-D2	1SNK705960R0000	20	3.43
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 Shield connectors		SHB	1SNK900602R0000	20	4.90
6 Terminal block markers Blank card	White	MC512	1SNK140000R0000	22	9.00
Universal wire markers holder	Grey	UMH	1SNK149999R0000	20	10.00
			1SNK900611R0000	10	0.20

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

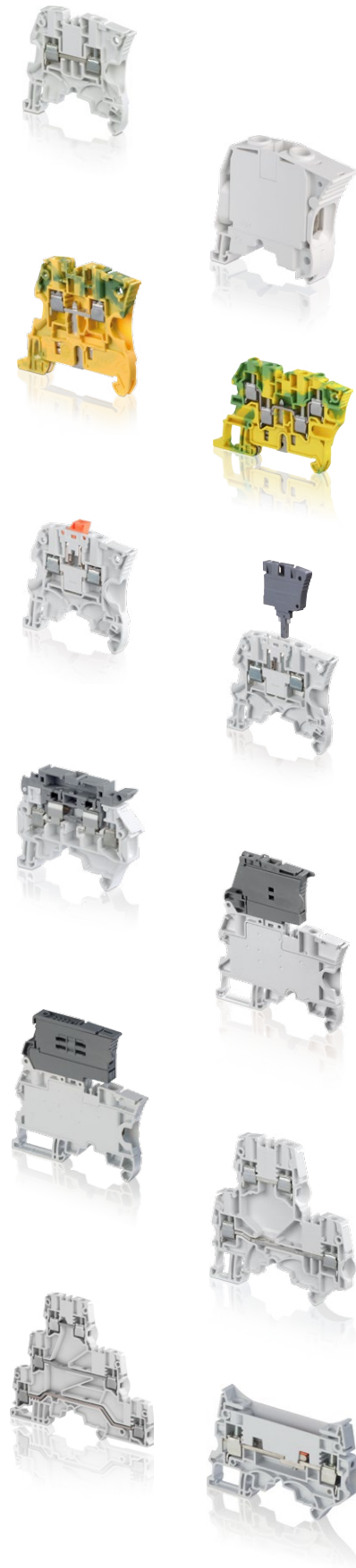
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.





SNK series, terminal blocks

Screw clamp technology

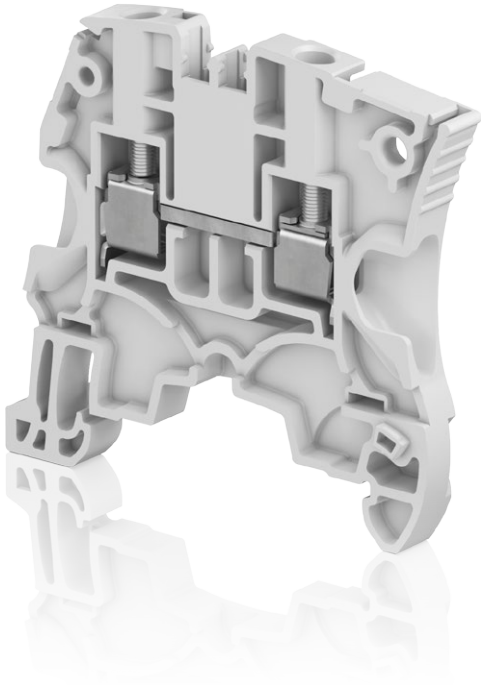


Technologies presentation		48
Overview		50
Feed-through		
4 mm² / 12 AWG	ZS4	52
6 mm² / 10 AWG	ZS6	53
	ZS6-3S and ZS6-4S	with 3 and 4 connections 54-55
10 mm² / 6 AWG	ZS10	56
16 mm² / 4 AWG	ZS16	57
25 mm² / 3 AWG	ZS25	58
35 mm² / 0 AWG	ZS35	59
70 mm² / 00 AWG	ZS70	60
95 mm² / 0000 AWG	ZS95	61
Ground		
4 mm² / 12 AWG	ZS4-PE	62
6 mm² / 10 AWG	ZS6-PE	63
	ZS6-3S-PE and ZS6-4S-PE	with 3 and 4 connections 64-65
10 mm² / 6 AWG	ZS10-PE	66
16 mm² / 4 AWG	ZS16-PE	67
25 mm² / 3 AWG	ZS25-PE	68
35 mm² / 2 AWG	ZS35-PE	69
35 mm²	ZS35-PEN	+ neutral 70
70 mm² / 00 AWG	ZS70-PE	71
95 mm² / 0000 AWG	ZS95-PE	72
Disconnect with blade		
4 mm² / 10 AWG	ZS4-S and ZS4-S-T2	with test 73-74
	ZS4-S-R1 and ZS4-S-T2-R1	with test 75-76
6 mm² / 10 AWG	ZS6-S and ZS6-S-4S-T	with test 77-78
10 mm² / 6 AWG	ZS10-S	79
Disconnect with plug		
4 mm² / 10 AWG	ZS4-SP and ZS4-SP-T2	with test 80-81
	ZS4-SP-R1 and ZS4-SP-T2-R1	with test 82-83
10 mm² / 6 AWG	ZS10-SP	84
Fuse and marshalling cabinets application overview		86
For 5x20 and 5x25 mm fuses (0.197x0.787 in and 0.197x0.984 in)		
4 mm² / 10 AWG	ZS4-SF1 and ZS4-SF1-T	with test 88-89
	ZS4-SF1-R	with fuse indicator and test 90-91
	ZS4-R1	feed-through 92
	ZS4-S-R3	disconnect with lever 93
For 5x20 mm fuses (0.197x0.787 in) and marshalling cabinets application		
4 mm² / 10 AWG	ZS4-SF	94
	ZS4-SF-T	with test 95
	ZS4-SF-R	with fuse indicator and test 96-97
	ZS4-R2	feed-through 98
	ZS4-PE-R2	ground 99
	ZS4-S-R2	disconnect with lever 100
For 6.3x32 mm fuses (¼ x 1¼ in)		
10 mm² / 6 AWG	ZS10-SF	101
	ZS10-SF-R	with fuse indicator 102
	ZS10-S-R2	disconnect with lever 103
Double deck		
4 mm² / 12 AWG	ZS4-D2 and ZS4-D1	2 and 1 feed-through circuits 104-105
6 mm² / 10 AWG	ZS6-D2 and ZS6-D1	2 and 1 feed-through circuits 106-107
	ZS6-D2-PE	1 feed-through circuit and 1 ground circuit 108
	ZS6-D1-PE	1 ground circuit 109
4 mm² / 10 AWG	ZS4-D2-S	1 disconnect circuit and 1 feed-through circuit 110
	ZS4-D2-S-T2	1 disconnect circuit + test and 1 feed-through circuit 111
	ZS4-D2-SF1	1 fuse circuit and 1 feed-through circuit 112
	ZS4-D2-SF1-R	1 fuse circuit + fuse indicator and 1 feed-through circuit 113
Triple deck		
4 mm² / 12 AWG	ZS4-T3	3 feed-through circuits 114
4 mm² / 10 AWG	ZS4-T3-R1	3 feed-through circuits 115
Test and measurement		
Overview		116
10 mm² / 6 AWG	ZS10-ST	120
	ZS10-ST-1	for Potential Transformer circuits 121
	ZS10-ST-T4	for Current Transformer circuits 122
	ZS10-R1	feed-through 123
	ZS10-PE-R1	ground 124

SNK series, terminal blocks

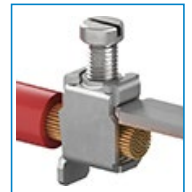
Screw clamp technology

3



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

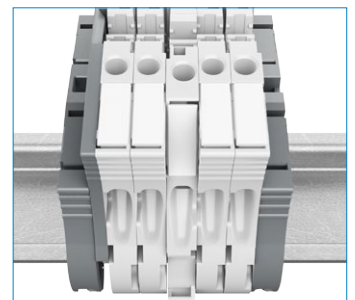
Engineered conductor entry: optimized conductor guiding, easier connection. One or two conductors. Conductors with or without ferrules.

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.



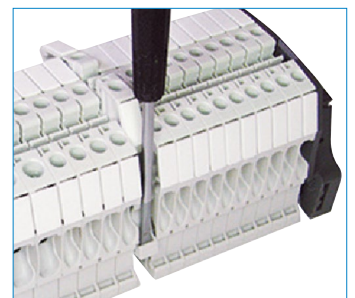
Best marking visibility from any direction



Asymmetrical design offers the best visibility



Engineered conductor entry



Maintenance operations facilitated

"Simply SNK"

Find your preferred marking solution from our universal range



ABB automatic printing solutions

ABB marking systems with blank marker cards (2) and self adhesive strips (1).

ABB pre-marking solutions

Pre-printed marker cards (2).



Manual marking solutions

Universal marker holder (UMH), compatible with most of the wire markers available on the market (3). Patented "flat marking area", compatible with self-adhesive strips and can be written on with a marker pen (4).

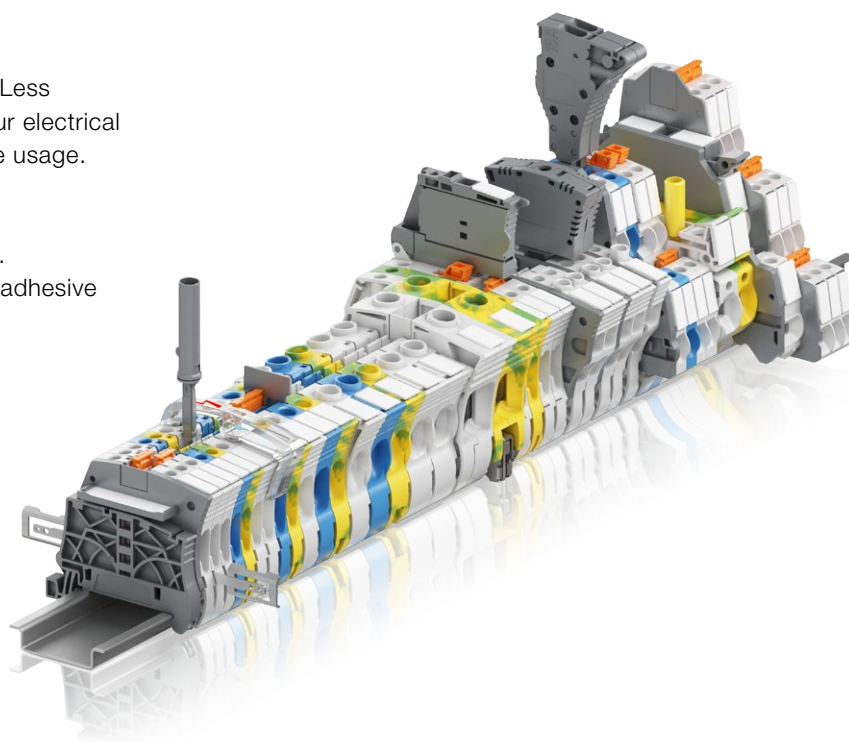
Make savings where it counts

Reduce your stock value

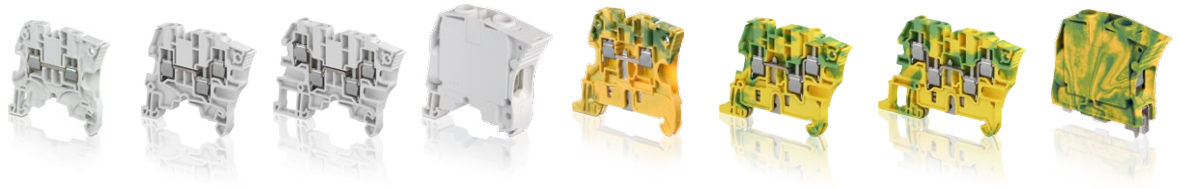
Significant reduction of part numbers to manage. Less terminal blocks and accessories needed to do your electrical installation, number of units per pack suited to the usage.

Reduce marking cost

With pre-printed marker cards and strip mounting. Zero investment needed using your current tools: adhesive hand label printer, desktop printers, pen.



SNK series, terminal blocks screw clamp technology



3

Feed-through

Ground

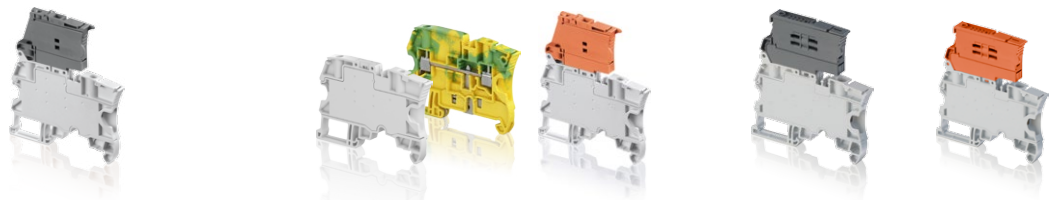
Section									
4 mm ²	12 AWG 10 AWG	ZS4				ZS4-PE			
6 mm ²	10 AWG	ZS6	New ZS6-3S	New ZS6-4S		ZS6-PE	New ZS6-3S-PE	New ZS6-4S-PE	
10 mm ²	6 AWG	ZS10				ZS10-PE			
16 mm ²	4 AWG	ZS16				ZS16-PE			
25 mm ²	3 AWG	New ZS25				New ZS25-PE			
35 mm ²	0 AWG 2 AWG				ZS35				
70 mm ²	00 AWG				ZS70				ZS35-PE ZS70-PE
95 mm ²	0000 AWG				ZS95				ZS95-PE



Disconnect with blade

Disconnect with plug

Section										
4 mm ²	10 AWG	ZS4-S	ZS4-S-T2		ZS4-S-R1	ZS4-S-T2-R1 ZS4-S-T2.3-R1	ZS4-SP	ZS4-SP-T2	ZS4-SP-R1	ZS4-SP-T2-R1
6 mm ²	10 AWG	ZS6-S		ZS6-S-4S-T2						
10 mm ²	6 AWG	ZS10-S		New			ZS10-SP			



For 5 x 20 mm fuses (0.197"x0.787")

Aligned for marshalling cabinets application

For 6.3 x 32 mm fuses 0.197"x0.984"

Aligned

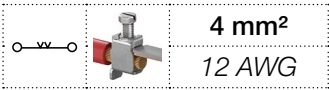
Section										
4 mm ²	10 AWG	ZS4-SF	ZS4-SF-T2	ZS4-SF-R1	ZS4-SF-R2 ZS4-SF-R3 ZS4-SF-R4	ZS4-R2	ZS4-PE-R2	ZS4-S-R2		
10 mm ²	6 AWG					New	New		ZS10-SF	ZS10-SF-R1 ZS10-SF-R3
										ZS10-S-R2

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

1SNK161066S0201

ZS4 screw clamp terminal blocks

Feed-through - 5.2 mm 0.205 in spacing

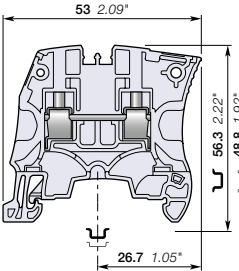


4 mm²
12 AWG



1SNK161001F0014

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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	10.5 mm 0.413 in
	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	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	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	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
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		
Increased safety Ex e		630 V 32 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC — 600 V 20 A UL 60079-7 - Class I, Zone 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>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20
		CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
8 Shield connectors		SHBS	1SNK900600R0000	20	3.50
9 Protecting covers	Transparent	PL5	1SNK900618R0000	10	1.50
10 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

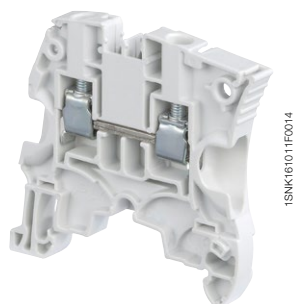
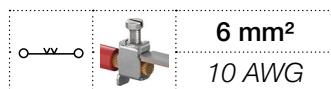
Ground screw clamp terminal blocks

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

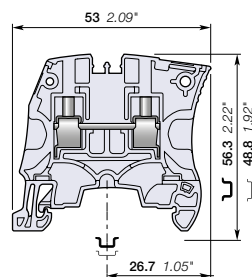
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

ZS6 screw clamp terminal blocks

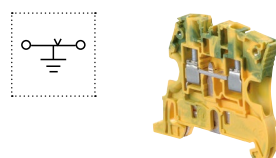
Feed-through - 6 mm 0.236 in spacing



ZS6



6 mm 0.236 in spacing



Description

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

Ordering details

Description	Color	Type	Order code	Pkg	Weight
				pce	(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 mm ²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.2 ... 6 mm ²		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm ²	24 ... 14 AWG	Tool	Flat screwdriver
	Flexible	0.2 ... 2.5 mm ²			Ø 4 mm
	with twin ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG		Ø 0.157 in
Rated current / Rated cross section		41 A / 6 mm ²	30 A / 10 AWG	Torque	0.85 N.m ± 0.15
Rated short-time withstand current (1s)		720 A			7.52 lb.in ± 1.33
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		630 V 41 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III C — 600 V 30 A 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>



Accessories

Description	Color	Type	Order code	Pkg	Weight
				pce	(1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20
		CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
9 Shield connectors		SHBS	1SNK900600R0000	20	3.50
10 Protecting covers	Transparent	PL6	1SNK900619R0000	10	1.84
11 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

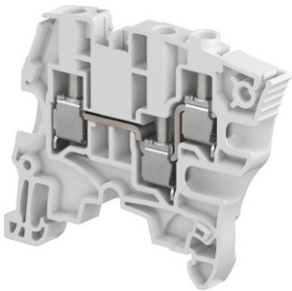
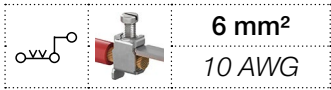
Description	Color	Type	Order code	Pkg	Weight
				pce	(1 pce) g
Ground	Green-yellow	ZS6-PE	1SNK506150R0000	20	13.70

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

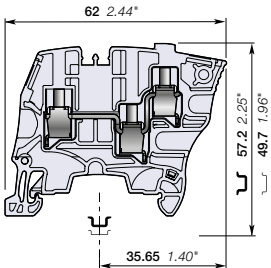
Technical data valid for copper conductors only.

ZS6-3S screw clamp terminal blocks

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



ZS6-3S



6 mm 0.236 in spacing

Description

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

Ordering details

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

Main technical data

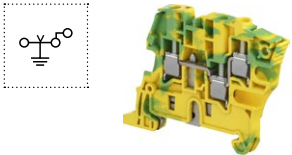
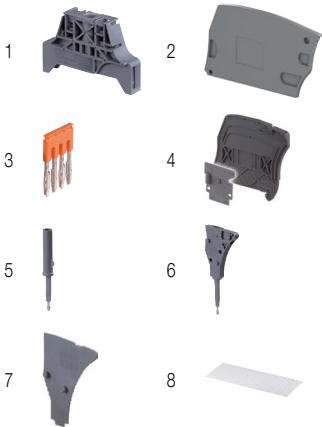
Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	24 ... 10 AWG	Wire stripping length		10.5 mm 0.413 in
	Flexible	0.22 ... 6 mm²				
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG			
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG			
	Gauge	A4-B3				
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm²	24 ... 14 AWG	Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.2 ... 2.5 mm²				
	with twin ferrule	0.22 ... 2.5 mm²	24 ... 14 AWG			
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG			
Maximum current / Maximum cross section		39 A / 6 mm²				
Rated short-time withstand current (1s)		480 A		Torque		0.75 N.m ± 0.05 6.64 lb.in ± 0.44
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		800 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

Increased safety Ex e					500 V 28 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIC				
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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	 UL	 CSA	 Gost R	 ATEX	 IECEx	 BV	

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES6-3S	1SNK505912R0000	20	2.50
3 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20
		CS-R1	1SNK900103R0000	20	5.20
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
7 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
8 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.



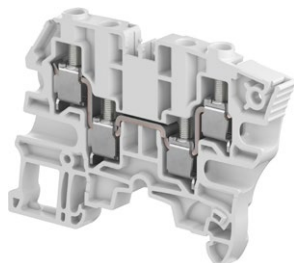
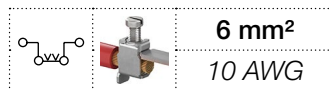
Ground screw clamp terminal blocks

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

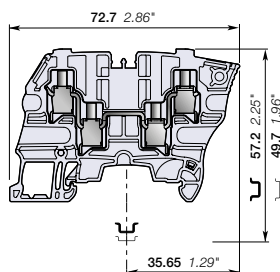
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS6-4S screw clamp terminal blocks

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



ZS6-4S



6 mm 0.236 in spacing

Description

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

Ordering details

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

Main technical data

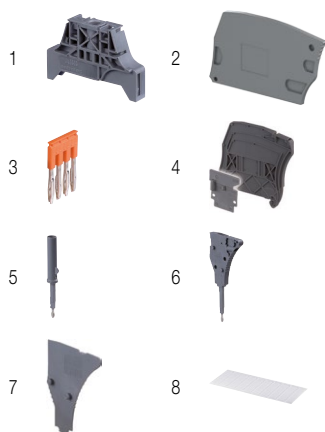
Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 6 mm²		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	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	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.2 ... 2.5 mm²			
	with twin ferrule	0.22 ... 2.5 mm²	24 ... 14 AWG		
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG	Torque	0.75 N.m ± 0.05 6.64 lb.in ± 0.44
Maximum current / Maximum cross section		39 A / 6 mm²			
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)		800 V	100 kA		
Rated voltage		8000 V	600 V		
Impulse withstand voltage					
Protection		IP20	NEMA 1		

Increased safety Ex e 500 V 28 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III

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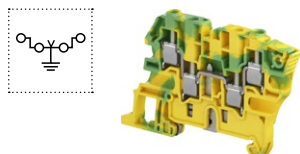


Accessories



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	ES6-4S	1SNK505911R0000	20	3.11
3 Jumper bars 2 poles 41 A	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Circuit separators 0 mm 0 in	Dark grey	CS	1SNK900101R0000	20	0.20
		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
		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	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
8 Terminal block markers Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

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.



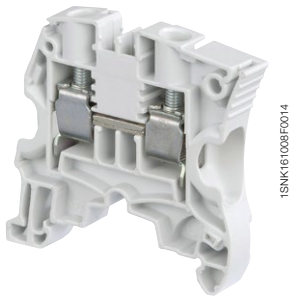
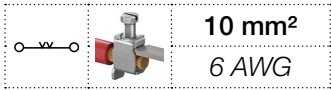
Ground screw clamp terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZS6-4S	Green-yellow	ZS6-4S-PE	1SNK506152R0000	25	19.40

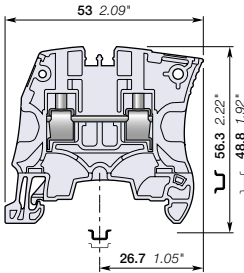
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZS10 screw clamp terminal blocks

Feed-through - 8 mm 0.315 in spacing



ZS10



8 mm 0.315 in spacing

Description

Save space by connecting conductors up to 10 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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm ²	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm ²		Wire stripping length	12 mm 0.472 in
	with non insulated ferrule	0.5 ... 10 mm ²	24 ... 8 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	with insulated ferrule	0.5 ... 6 mm ²	24 ... 10 AWG		
	Gauge	A5-B5		Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm ²	20 ... 12 AWG	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
	Flexible	0.5 ... 4 mm ²	20 ... 12 AWG		
with twin ferrule		0.5 ... 4 mm ²	20 ... 12 AWG	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Rated current / Rated cross section		57 A / 10 mm ²	42 A / 6 AWG		
Rated short-time withstand current (1s)		1200 A		Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Short Circuit Current Rating (with specific conditions)			100 KA		
Rated voltage		1000 V	600 V	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Increased safety Ex e		630 V 57 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC — 600 V 42 A 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>



Accessories

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

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

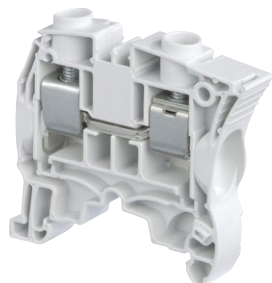
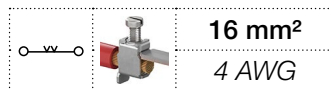
Ground screw clamp terminal blocks

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

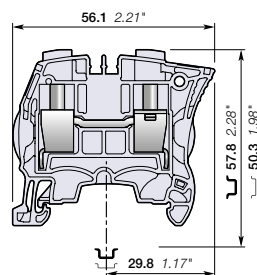
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

ZS16 screw clamp terminal blocks

Feed-through - 10 mm 0.394 in spacing



ZS16



10 mm 0.394 in spacing

Description

Save space by connecting conductors up to 16 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 mm ²	24 ... 4 AWG
Flexible	0.5 ... 16 mm ²	24 ... 4 AWG
with non insulated ferrule	0.5 ... 16 mm ²	24 ... 4 AWG
with insulated ferrule	0.5 ... 10 mm ²	24 ... 8 AWG
Gauge	A6-B6	
2 conductors per clamp		
Rigid - Solid / Stranded	0.5 ... 6 mm ²	20 ... 10 AWG
Flexible	0.5 ... 6 mm ²	20 ... 10 AWG
with twin ferrule	0.5 ... 6 mm ²	20 ... 10 AWG
Rated current / Rated cross section	76 A / 16 mm ²	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

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

Increased safety Ex e 630 V 76 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC — 600 V 67 A UL 60079-7 - Class I, Zone 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>



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
		JB10-3	1SNK910303R0000	50	7.10
		JB10-4	1SNK910304R0000	40	9.40
		JB10-5	1SNK910305R0000	30	12.00
		JB10-10	1SNK910310R0000	20	24.00
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators 0 mm 0 in	Dark grey	CS	1SNK900101R0000	20	0.20
		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
		TP4	1SNK900205R0000	20	2.41
7 Protecting covers 10 mm 0.394 in spacing	Transparent	PL10	1SNK900621R0000	10	3.13
8 Terminal block markers Blank card	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



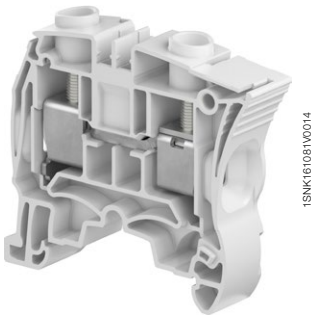
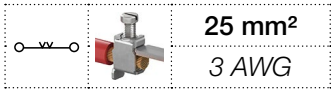
Ground screw clamp terminal blocks

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

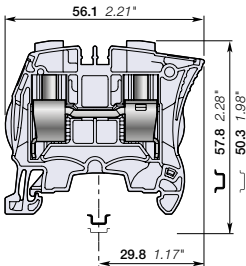
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

ZS25 screw clamp terminal blocks

Feed-through - 12 mm 0.472 in spacing



ZS25



12 mm 0.472 in spacing

Description

Save space by connecting conductors up to 25 mm² 3 AWG in just 12 mm 0.472 in spacing.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS25	1SNK512010R0000	25	21.40
	Blue	ZS25-BL	1SNK512020R0000	25	21.40
	Yellow	ZS25-YL	1SNK512060R0000	25	21.40

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm ²	24 ... 3 AWG
	Flexible	0.5 ... 25 mm ²	
	with non insulated ferrule	0.5 ... 16 mm ²	24 ... 4 AWG
	with insulated ferrule	0.5 ... 16 mm ²	24 ... 8 AWG
Gauge		A6-B6	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm ²	20 ... 10 AWG
	Flexible	0.5 ... 10 mm ²	
	with twin ferrule	0.5 ... 10 mm ²	20 ... 10 AWG
Rated current / Rated cross section		76 A / 16 mm ²	100 A / 3 AWG
Maximum current / Maximum cross section		101 A / 25 mm ²	
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

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 15.9 lb.in ± 1.77

Increased safety Ex e		630 V 68 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III						
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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	 UL	 CSA	 Gost R	 ATEX	 IECEx	 BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Jumper bars	Orange	2 poles	JB12-2	50	4.86
		3 poles	JB12-3	50	7.55
		5 poles	JB12-5	20	12.93
4 Circuit separators	Dark grey	0 mm	CS	20	0.20
		3 mm	CS-R1	20	5.20
5 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	20	1.73
		For test plugs DIA 4 mm 0.157 in	TP4	20	2.41
6 Protecting covers	Transparent	PL10	1SNK900621R0000	10	3.13
7 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



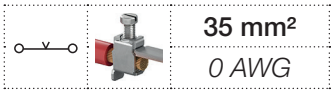
Ground screw clamp terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground	Green-yellow	ZS25-PE	1SNK512150R0000	20	38.00

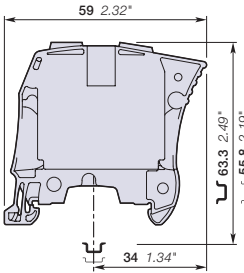
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZS35 screw clamp terminal blocks

Feed-through - 16 mm 0.630 in spacing



ZS35



16 mm 0.630 in spacing

Description

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

Ordering details

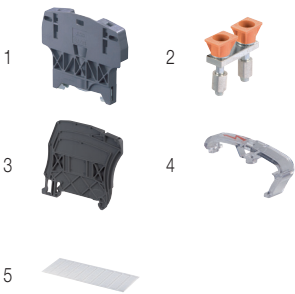
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Closed block	Grey	ZS35	1SNK516010R0000	20	53.40
	Blue	ZS35-BL	1SNK516020R0000	20	53.40
	Orange	ZS35-OR	1SNK516030R0000	20	53.40

Main technical data

		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm²	10 ... 0 AWG	Wire stripping length		17 mm 0.669 in
	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	Tool		Flat screwdriver Ø 6.5 mm Ø 0.256 in
	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	Torque		2.9 N.m ± 0.1 25.7 lb.in ± 0.885
Rated short-time withstand current (1s)		4200 A				
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection		IP10	NEMA 1			
Increased safety Ex e		630 V 125 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb VII/IIIC — 600 V 150 A 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>

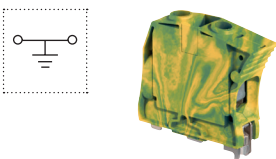
CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Rina



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 Jumper bars	Orange	JB16-2	1SNK916302R0000	10	10.20
		JB16-3	1SNK916303R0000	10	16.00
		JB16-4	1SNK916304R0000	10	21.80
		JB16-5	1SNK916305R0000	10	27.60
		JB16-10	1SNK916310R0000	10	56.60
		JB16-10	1SNK916310R0000	10	56.60
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Protecting covers	Transparent	PL16	1SNK900622R0000	10	4.60
5 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



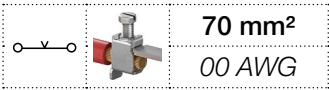
Ground screw clamp terminal blocks

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

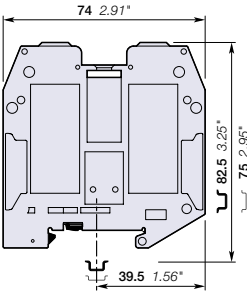
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

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	4 ... 00 AWG
	Flexible	16 ... 70 mm²
	with non insulated ferrule	16 ... 50 mm²
	with insulated ferrule	16 ... 50 mm²
2 conductors per clamp	Rigid - Solid / Stranded	4 ... 2 AWG
	Flexible	16 ... 35 mm²
	with twin ferrule	16 mm²
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

Increased safety Ex e 630 V 192 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III - 600 V 159 A UL 60079-7 - Class I, Zone 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Flina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Flina

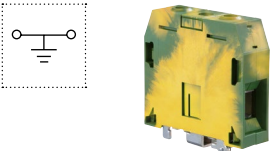
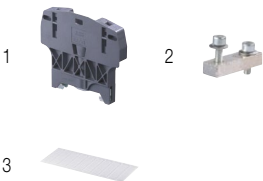
Mounting instructions

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	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 Jumper bars		JB22-2	1SNK922302R0000	5	27.00
		JB22-3	1SNK922303R0000	5	43.30
		JB22-5	1SNK922305R0000	5	76.10
		JB22-10	1SNK922310R0000	5	157.40
3 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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



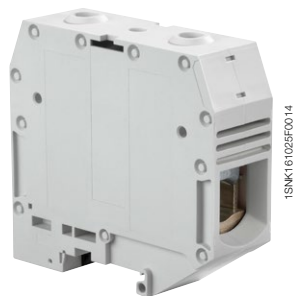
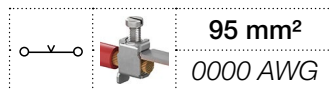
Ground screw clamp terminal blocks

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

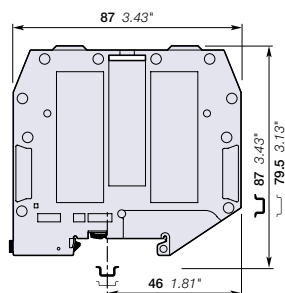
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

ZS95 screw clamp terminal blocks

Feed-through - 26 mm 1.024 in spacing



ZS95



26 mm 1.024 in spacing

Description

Closed terminal block:

- No end section needed,
- Optimized rigidity.

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	Wire stripping length	
	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	Tool	
	Flexible	25 ... 35 mm²			
	with twin ferrule	16 mm²	6 AWG		
Rated current / Rated cross section		232 A / 95 mm²	230 A / 0000 AWG	Torque	
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		

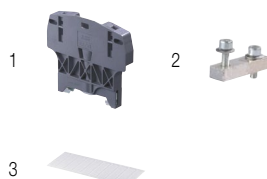
Increased safety Ex e

630 V 232 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC — 600 V 230 A 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Rina

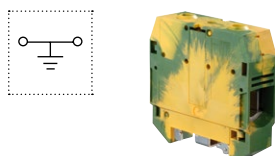


Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 Jumper bars		JB26-2	1SNK926302R0000	5	41.20
		JB26-3	1SNK926303R0000	5	65.70
		JB26-5	1SNK926305R0000	5	115.70
		JB26-10	1SNK926310R0000	5	241.50
3 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

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

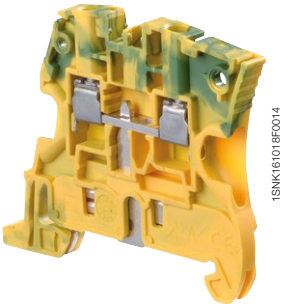
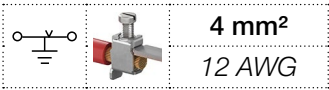
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Profile aligned with ZS95	Green-yellow	ZS95-PE	1SNK526150R0000	10	278.00

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

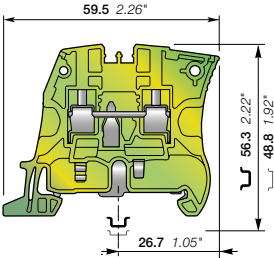
Technical data valid for copper conductors only.

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	Weight
Ground	Screwless rail connection	Green-yellow	ZS4-PE	1SNK505150R0000	20 pce (1 pce) 9 12.10

Main technical data

	IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded 0.2 ... 4 mm² Flexible 0.22 ... 4 mm² with non insulated ferrule 0.22 ... 4 mm² with insulated ferrule 0.22 ... 2.5 mm² Gauge A3-B3	24 ... 12 AWG 24 ... 12 AWG 24 ... 14 AWG
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/III/C — 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Flina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Flina

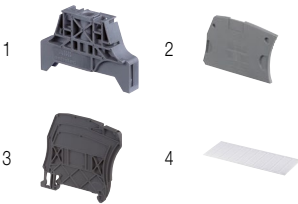
Mounting instructions

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	Weight
1	End stops	10 mm	0.394 in	Dark grey 	BAM3	1SNK900001R0000		pce	(1 pce) 9
2	End sections	2.2 mm	0.087 in	Dark grey 	ES4	1SNK505910R0000		50	13.80
3	Circuit separators	3 mm	0.118 in	Dark grey 	CS-R1	1SNK900103R0000		20	2.18
4	Terminal block markers	Blank card		White 	MC512	1SNK140000R0000		22	5.20
					MC512PA	1SNK149999R0000		20	9.00
		Universal wire markers holder		Grey 	UMH	1SNK900611R0000		20	10.00
								10	0.20

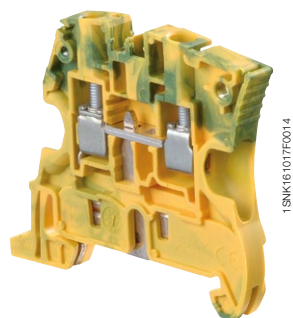
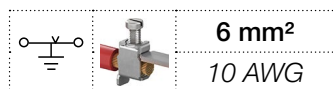
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



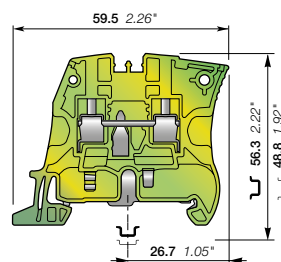
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

ZS6-PE screw clamp terminal blocks

Ground - 6 mm 0.236 in spacing



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 V/IIIC — Class I, Zone I, AEx e II	

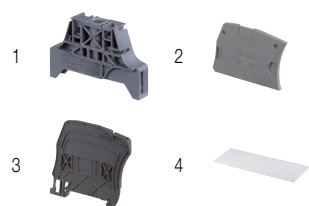
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECE	BR-Ex e II	Haz Loc	BV	DNV	Pina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECE	BR-Ex e II	Haz Loc	BV	DNV	Pina

Accessories

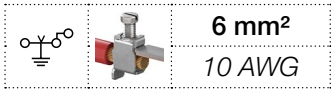
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections 2.2 mm 0.087 in	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Circuit separators 3 mm 0.118 in	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White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

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

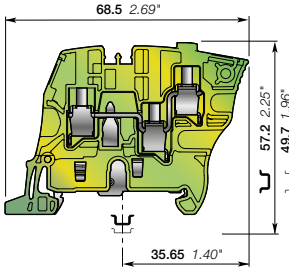


ZS6-3S-PE screw clamp terminal blocks

Ground with 3 connections - 6 mm 0.236 in spacing



ZS6-3S-PE



6 mm 0.236 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	24 ... 10 AWG
	Flexible	0.22 ... 6 mm²	24 ... 10 AWG
	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		4 mm²	10 AWG
Maximum cross section		6 mm²	
Rated short-time withstand current (1s)		480 A	636 A
Maximum short-time withstand current (1s)		480 A	
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIIC	

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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BV

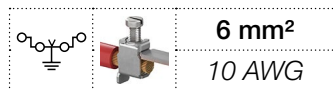
Accessories

Description				Color	Type	Order code		Pkg	Weight
1	End stops	10 mm	0.394 in	Dark grey 	BAM3	1SNK900001R0000		pce	(1 pce) 9 g
2	End sections	2.2 mm	0.087 in	Dark grey 	ES6-3S	1SNK505912R0000		50	13.80
3	Circuit separators	3 mm	0.118 in	Dark grey 	CS-R1	1SNK900103R0000		20	2.50
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

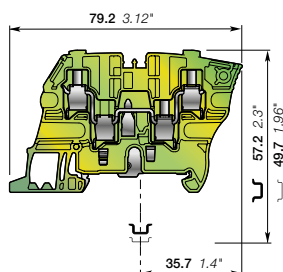
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS6-4S-PE screw clamp terminal blocks

Ground with 4 connections - 6 mm 0.236 in spacing



ZS6-4S-PE



6 mm 0.236 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
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		4 mm²	10 AWG
Maximum cross section		6 mm²	
Rated short-time withstand current (1s)		480 A	636 A
Maximum short-time withstand current (1s)		480 A	
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/III	

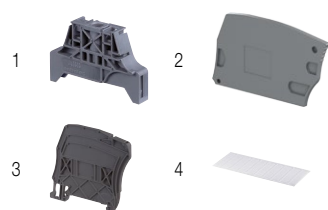
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	USR	CSA	Gost R	ATEX	IECE	BV
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Accessories

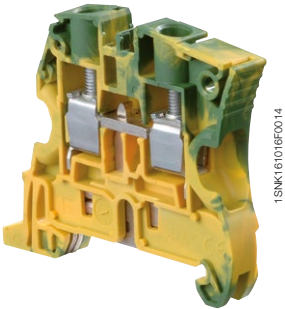
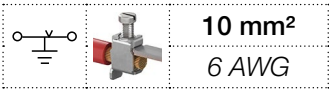
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections 2.2 mm 0.087 in	Dark grey	ES6-4S	1SNK505911R0000	20	3.11
3 Circuit separators 3 mm 0.118 in	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	Universal wire markers holder	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

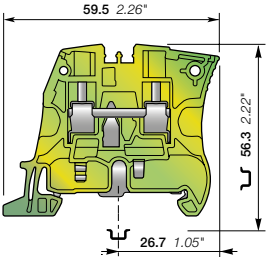


ZS10-PE screw clamp terminal blocks

Ground - 8 mm 0.315 in spacing



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	24 ... 8 AWG
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/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

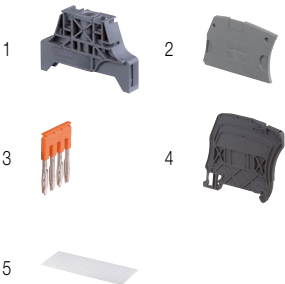
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina
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Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
4 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
5 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
	Grey	MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

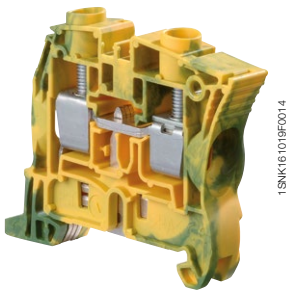
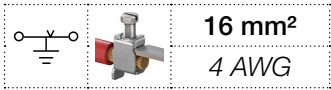
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



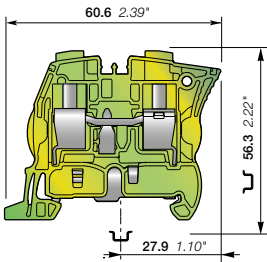
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

ZS16-PE screw clamp terminal blocks

Ground - 10 mm 0.394 in spacing



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

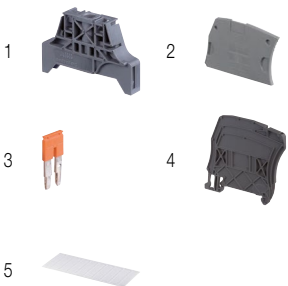
	IEC	UL - CSA
1 conductor per clamp		
Rigid - Solid / Stranded	0.5 ... 16 mm²	24 ... 4 AWG
Flexible	0.5 ... 16 mm²	
with non insulated ferrule	0.5 ... 16 mm²	24 ... 4 AWG
with insulated ferrule	0.5 ... 10 mm²	24 ... 8 AWG
Gauge	A6-B6	
Rated cross section	16 mm²	4 AWG
Rated short-time withstand current (1s)	1920 A	2544 A
Protection	IP20	NEMA 1

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

Explosive atmosphere classification IM2 II 2 GD Ex eb I/II/III C — 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>



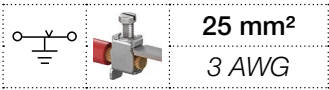
Accessories

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
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

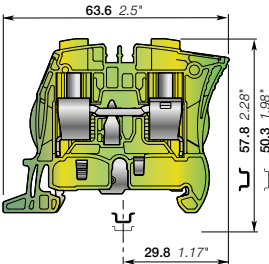
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS25-PE screw clamp terminal blocks

Ground - 12 mm 0.472 in spacing



ZS25-PE



12 mm 0.472 in spacing

Description

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

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

Ordering details

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

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	24 ... 3 AWG
	Flexible	0.5 ... 25 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	24 ... 4 AWG
	with insulated ferrule	0.5 ... 16 mm²	24 ... 8 AWG
Gauge		A6-B6	
Rated cross section		16 mm²	3 AWG
Maximum cross section		25 mm²	
Rated short-time withstand current (1s)		1920 A	3204 A
Maximum short-time withstand current (1s)		3000 A	
Protection		IP20	NEMA 1
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/III	

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

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 15.9 lb.in ± 1.77

Accessories

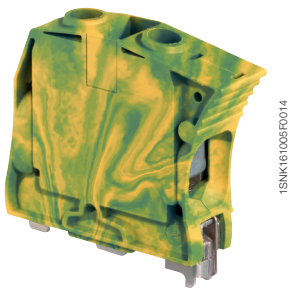
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
	Grey	MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

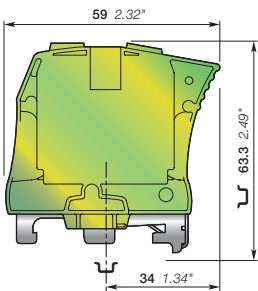
ZS35-PE screw clamp terminal blocks

Ground - 16 mm 0.630 in spacing

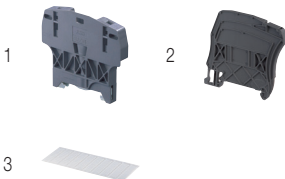
		35 mm² 2 AWG
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ZS35-PE



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	Rail		TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm ²	10 ... 2 AWG	Wire stripping length		17 mm 0.669 in
	Flexible	6 ... 35 mm ²				
	with non insulated ferrule	6 ... 35 mm ²	10 ... 2 AWG			
	with insulated ferrule	6 ... 35 mm ²	10 ... 2 AWG			
	Gauge	A9		Tool		Flat screwdriver
			Screw clamp		Ø 6.5 mm Ø 0.256 in	
				Rail connection screw		Ø 5.5 mm Ø 0.217 in
Rated cross section		35 mm ²	2 AWG			
Rated short-time withstand current (1s)		4200 A	4032 A	Torque		2.65 N.m ± 0.15 23.45 lb.in ± 1.33
				Screw clamp		
						1.6 N.m ± 0.15
				Rail connection screw		14.2 lb.in ± 1.33
Protection		IP10	NEMA 1			

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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	IEC	RoHS	UL	CSA	PC	Ex	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina

Accessories

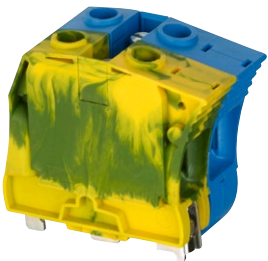
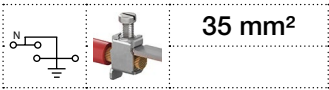
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
3 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

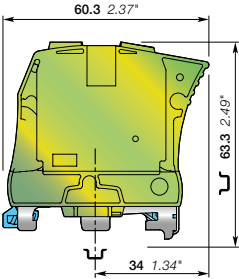
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

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	Weight
Ground + neutral	Green-yellow	ZS35-PEN	1SNK516170R0000	10 pce	(1 pce) 9 g

Main technical data

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

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							
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Mounting instructions

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

Accessories

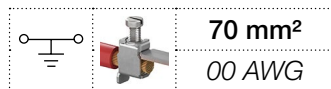
Description	Color	Type	Order code	Pkg	Weight
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20 pce	(1 pce) 23.90 g
2 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet.
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 *italics*.
Technical data valid for copper conductors only.

ZS70-PE screw clamp terminal blocks

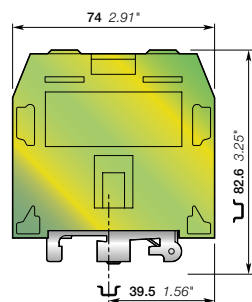
Ground - 22 mm 0.866 in spacing



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 mm ²	4 ... 00 AWG
Flexible	16 ... 70 mm ²	
with non insulated ferrule	16 ... 50 mm ²	
with insulated ferrule	16 ... 50 mm ²	
Gauge	B11	
Rated cross section	70 mm ²	
Rated short-time withstand current (1s)	8400 A	8088 A
Protection	IP10	NEMA 1
Explosive atmosphere classification	IM2 II 2 GD Ex eb V/IIIC — 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina

Accessories

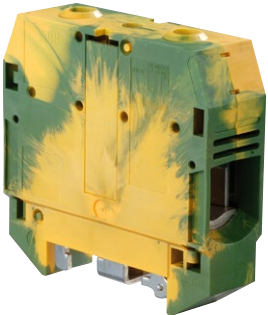
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

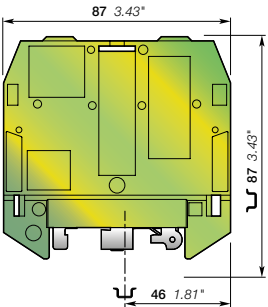
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS95-PE screw clamp terminal blocks

Ground - 26 mm 1.024 in spacing



ZS95-PE



26 mm 1.024 in spacing



Description

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

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Ground	Screw rail connection	Green-yellow	ZS95-PE	1SNK526150R0000	10 pce (1 pce) 9

Main technical data

		IEC	UL - CSA	Mounting instructions	
				Rail	TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	35 ... 120 mm²	2 ... 0000 AWG	Wire stripping length	26 mm 1.023 in
	Flexible with non insulated ferrule	35 ... 95 mm²		Tool	Allen key
	with insulated ferrule	35 ... 50 mm²		Screw clamp	Ø 6 mm 0.236 in
	Gauge	35 ... 50 mm²		Rail connection screw	Ø 4 mm 0.158 in
Rated cross section		95 mm²		Torque	9.25 N.m ± 0.25 81.7 lb.in ± 2.2
Rated short-time withstand current (1s)		11400 A	12840 A	Screw clamp	2 N.m ± 0.25 17.7 lb.in ± 2.2
Protection		IP10	NEMA 1	Rail connection screw	

Explosive atmosphere classification

IM2 II 2 GD Ex eb I/II/III — 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina

Accessories

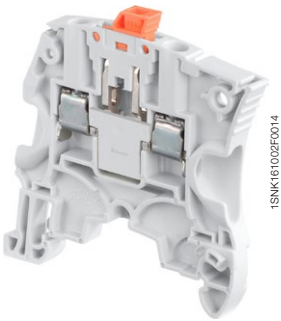
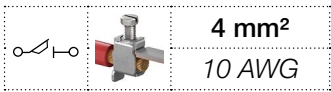
Description	Color	Type	Order code	Pkg	Weight
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20 pce	23.90 (1 pce) 9
2 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

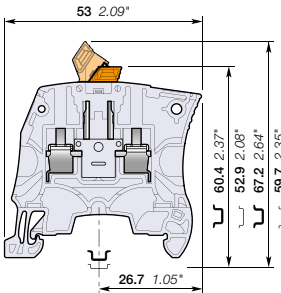
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

ZS4-S screw clamp terminal blocks

Disconnect with blade - 5.2 mm 0.205 in spacing



ZS4-S



5.2 mm 0.205 in spacing

Description

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

Ordering details

Description	Color	Type	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.

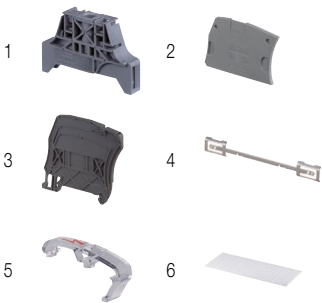
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	BS	DNV	Flina
CE	CB	RoHS	UL	CSA	Gost R	BS	DNV	Flina

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	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

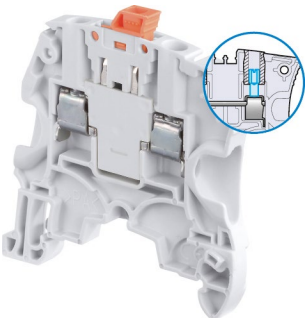
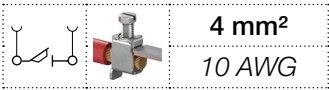
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



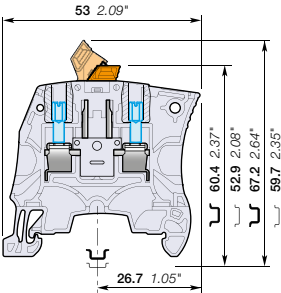
ZS4-S-T2 screw clamp terminal blocks

Disconnect with blade - with test socket screws

5.2 mm 0.205 in spacing



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	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
	Grey	ZS4-S-T2.3	1SNK505312R0000	50	8.80

Main technical data

	IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	24 ... 10 AWG
	Flexible	24 ... 10 AWG
	with non insulated ferrule	24 ... 10 AWG
	with insulated ferrule	24 ... 14 AWG
2 conductors per clamp	Rigid - Solid / Stranded	24 ... 16 AWG
	Flexible	24 ... 16 AWG
	with non insulated ferrule	24 ... 16 AWG
	with twin ferrule	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>

CE	RoHS	UL	CSA	Gost R	Fima
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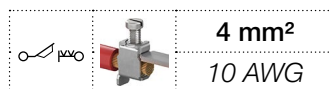
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Shield connectors	SHBS	SHBS	1SNK900600R0000	20	3.50
5 Protecting covers	Transparent	PL5	1SNK900618R0000	10	1.50
6 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

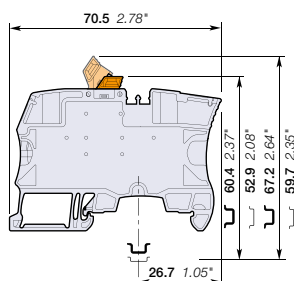
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS4-S-R1 screw clamp terminal blocks

Disconnect with blade - 6 mm 0.236 in spacing



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	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	Gauge	A3-B3			
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 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	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

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

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

Accessories

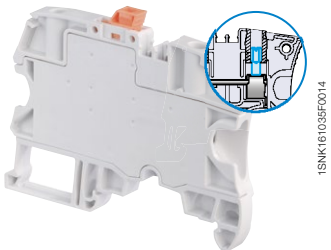
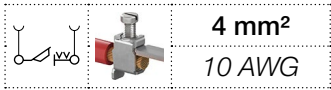
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
6 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	White	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

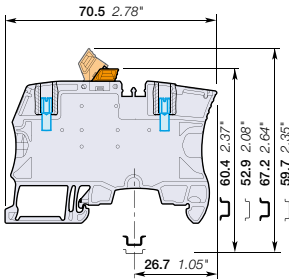
ZS4-S-T2-R1 screw clamp terminal blocks

Disconnect with blade - with test socket screws

6 mm 0.236 in spacing



ZS4-S-T-R1



6 mm 0.236 in spacing

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	Grey	ZS4-S-T2-R1	1SNK506311R0000	50	14.20
	Blue	ZS4-S-T2-R1-BL	1SNK506321R0000	50	14.20
	Orange	ZS4-S-T2-R1-OR	1SNK506331R0000	50	14.20
	Grey	ZS4-S-T2.3-R1	1SNK506312R0000	50	14.20
Profile aligned with ZS4-SF, with 2 test socket screws DIA 2 mm 0.079 in					
Profile aligned with ZS4-SF, with 2 test socket screws DIA 2.3 mm 0.091 in					

Main technical data

		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Wire stripping length	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²	24 ... 12 AWG		10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm²	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
	Gauge	A3-B3			
Rated current / Rated cross section		26 A / 4 mm²	26 A / 10 AWG	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Rated voltage		400 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

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

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



Accessories

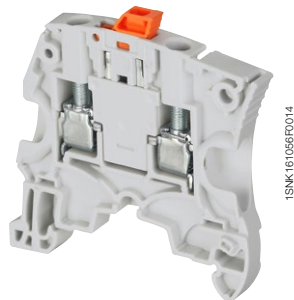
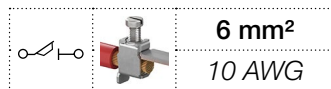
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
4 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
5 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	Grey	UMH	1SNK900611R0000	10	0.20
Universal wire markers holder					

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.

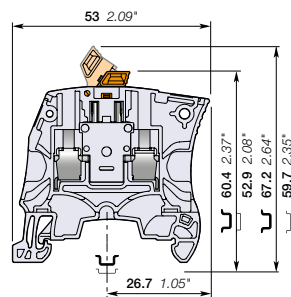
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

ZS6-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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	24 ... 10 AWG	Wire stripping length	Rail  TH 35-7.5, TH 35-15
	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	Tool	 Flat screwdriver Ø 4 mm Ø 0.157 in
	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	Torque	 0.85 N.m ± 0.15 7.52 lb.in ± 1.33
Maximum current / Maximum cross section		30 A / 6 mm²			
Rated short-time withstand current (1s)		480 A			
Rated voltage		500 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

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

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

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	White ☐	MC612	1SNK150000R0000	22	10.00
	Grey ☐	MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder		UMH	1SNK900611R0000	10	0.20

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

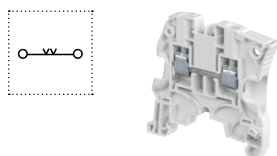
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



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

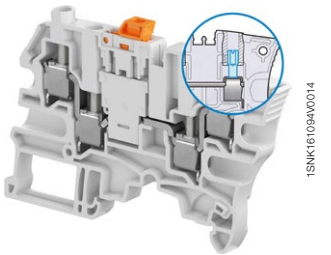
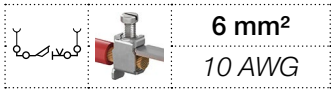
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.



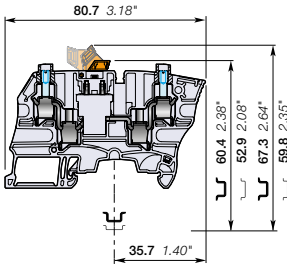
ZS6-S-4S-T screw clamp terminal blocks

Disconnect with blade - with test socket screws

6 mm 0.236 in spacing



ZS6-S-4S-T



6 mm 0.236 in spacing

Description

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect with 2 test sockets DIA 2 mm 0.079 in	Grey	ZS6-S-4S-T2	1SNK506316R0000	50	18.40

Main technical data

Connecting capacity		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		27 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		500 V	300 V
Impulse withstand voltage		6000 V	
Protection		IP20	NEMA 1

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>

CE	IEC	RoHS	UL	CSA	Goet R	BV
CE	CB	RoHS	UL	CSA	Goet R	BV

Accessories

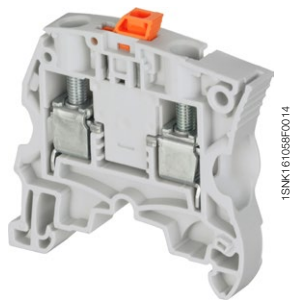
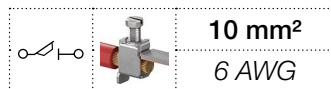
Description				Color	Type	Order code		Pkg	Weight
								pce	(1 pce) g
1	End stops	10 mm	0.394 in	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	End sections	2.2 mm	0.087 in	Dark grey	ES6-4S	1SNK505911R0000		20	3.11
3	Jumper bars	2 poles	41 A	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles	JB6-3		1SNK906303R0000		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	Circuit separators	3 mm	0.118 in	Dark grey	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 0.157 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	Dark grey	ES-TC6	1SNK900105R0000		10	0.80
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

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.

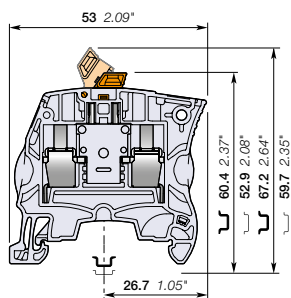
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS10-S screw clamp terminal blocks

Disconnect with blade - 8 mm 0.315 in spacing



ZS10-S



8 mm 0.315 in spacing

Description

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

Ordering details

Description	Color	Type	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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 10 mm²	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 10 mm²		Wire stripping length	12 mm 0.472 in
	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	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	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	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Maximum current / Maximum cross section		42 A / 10 mm²			
Rated short-time withstand current (1s)		480 A			
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

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

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

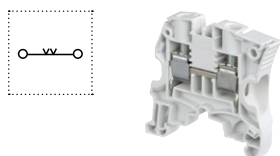
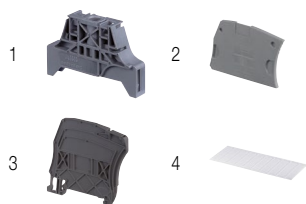
CE	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	UL	CSA	Gost R	BV

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	White ☐	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	Grey ☐	UMH	10	0.20

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

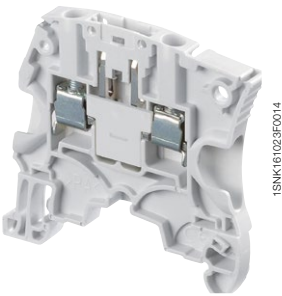
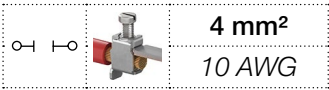
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey ☐	ZS10	1SNK508010R0000	50	14.10

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

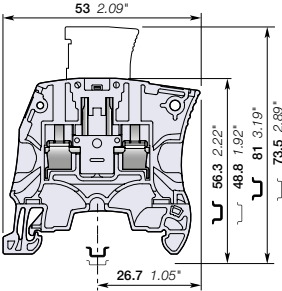
Technical data valid for copper conductors only.

ZS4-SP screw clamp terminal blocks

Disconnect with plug - 5.2 mm 0.205 in spacing



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	24 ... 10 AWG
	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	24 ... 16 AWG
	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

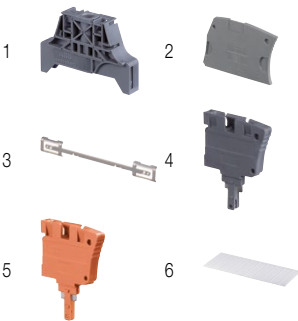
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	RoHS	USR CNR	CSA	Gost R															
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	White ☐	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey ☐	UMH	1SNK900611R0000	10	0.20
Universal wire markers holder					

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.

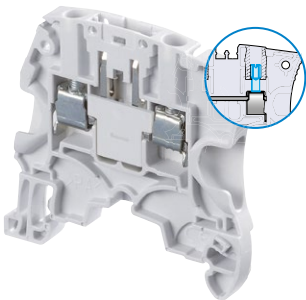
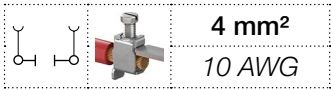


All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

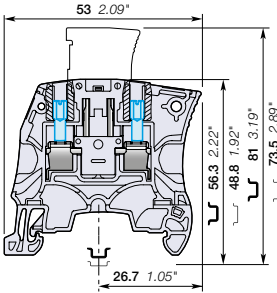
ZS4-SP-T2 screw clamp terminal blocks

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	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 Flexible 0.22 ... 4 mm² with non insulated ferrule 0.22 ... 4 mm² with insulated ferrule 0.22 ... 2.5 mm² Gauge A3-B3	24 ... 10 AWG 24 ... 10 AWG 24 ... 14 AWG
2 conductors per clamp	Rigid - Solid / Stranded 0.2 ... 1.5 mm² Flexible 0.2 ... 1.5 mm² with twin ferrule 0.22 ... 1.5 mm²	24 ... 16 AWG 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

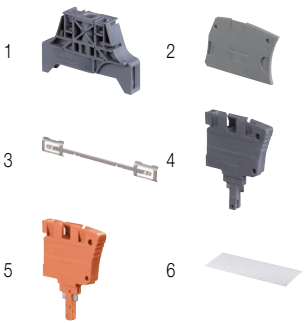
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	RoHS	UL	CSA	Gost R
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Accessories

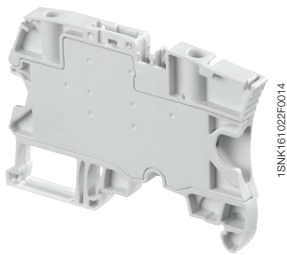
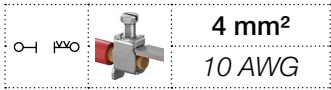
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.18
3 Shield connectors	Dark grey	SHBS	1SNK900600R0000	20	3.50
4 Component plugs	Dark grey	PG5	1SNK900401R0000	20	3.45
5 Disconnect plugs	Orange	PG5-R1	1SNK900402R0000	20	3.45
6 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
	Grey	MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

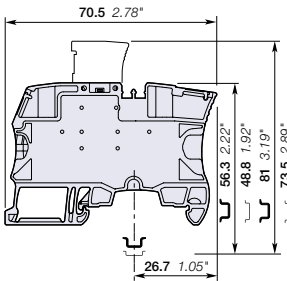


ZS4-SP-R1 screw clamp terminal blocks

Disconnect with plug - 6 mm 0.236 in spacing



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 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	UL	CSA	Gost R
CE	RoHS	UL	CSA	Gost R

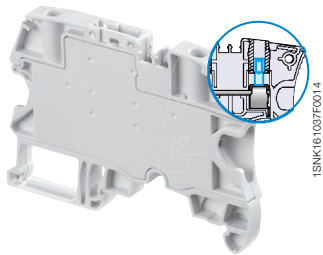
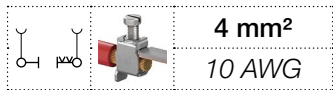
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
6 Component plugs	Dark grey	PG5	1SNK900401R0000	20	3.45
7 Disconnect plugs	Orange	PG5-R1	1SNK900402R0000	20	3.45
8 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	Grey	MC612PA	1SNK159999R0000	20	11.00
	Universal wire markers holder	UMH	1SNK900611R0000	10	0.20

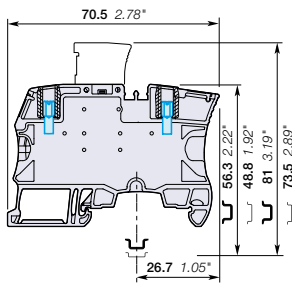
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

ZS4-SP-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	Weight
					pce	(1 pce) g
Disconnect	Profile aligned with ZS4-SF, with 2 test socket screws DIA 2 mm <i>0.079 in.</i> , plug delivered separately	Grey 	ZS4-SP-T2-R1	1SNK506314R0000	50	14.20

Main technical data

		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Wire stripping length		10.5 mm 0.413 in
	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	Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
	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	Torque		0.6 N.m ± 0.1 5.31 lb.in ± 0.885
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>



Accessories

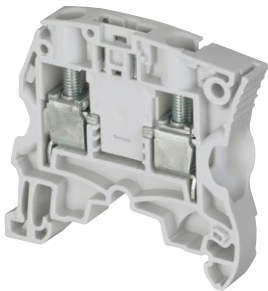
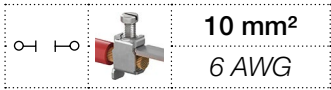
Description				Color	Type	Order code	Pkg	Weight
							pce	(1 pce) g
1	End stops	10 mm	0.394 in	Dark grey 	BAM3	1SNK900001R0000	50	13.80
2	Jumper bars	2 poles	41 A	Orange 	JB6-2	1SNK906302R0000	50	1.30
		3 poles	30 A		JB6-3	1SNK906303R0000	50	2.10
		4 poles			JB6-4	1SNK906304R0000	50	2.90
		5 poles			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

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.

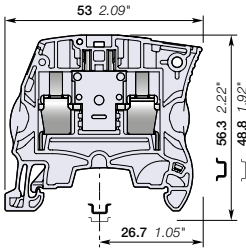


ZS10-SP screw clamp terminal blocks

Disconnect with plug - 8 mm 0.315 in spacing



ZS10-SP



8 mm 0.315 in spacing

Description

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

Ordering details

Description	Color	Type	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 Flexible 0.22 ... 10 mm² with non insulated ferrule 0.22 ... 10 mm² with insulated ferrule 0.22 ... 6 mm² Gauge A5-B5	24 ... 6 AWG 24 ... 8 AWG 24 ... 8 AWG 24 ... 8 AWG
2 conductors per clamp	Rigid - Solid / Stranded 0.5 ... 4 mm² Flexible 0.5 ... 4 mm² with twin ferrule 0.5 ... 4 mm²	20 ... 12 AWG 20 ... 12 AWG 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	300 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

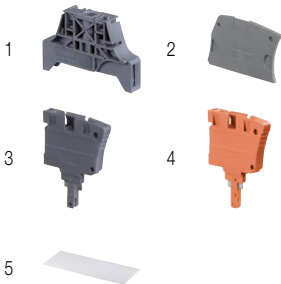
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	RoHS	RoHS	USR	CSA	Gost R														
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Accessories

Description				Color	Type	Order code	Pkg	Weight
							pce	(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

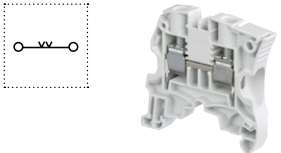
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

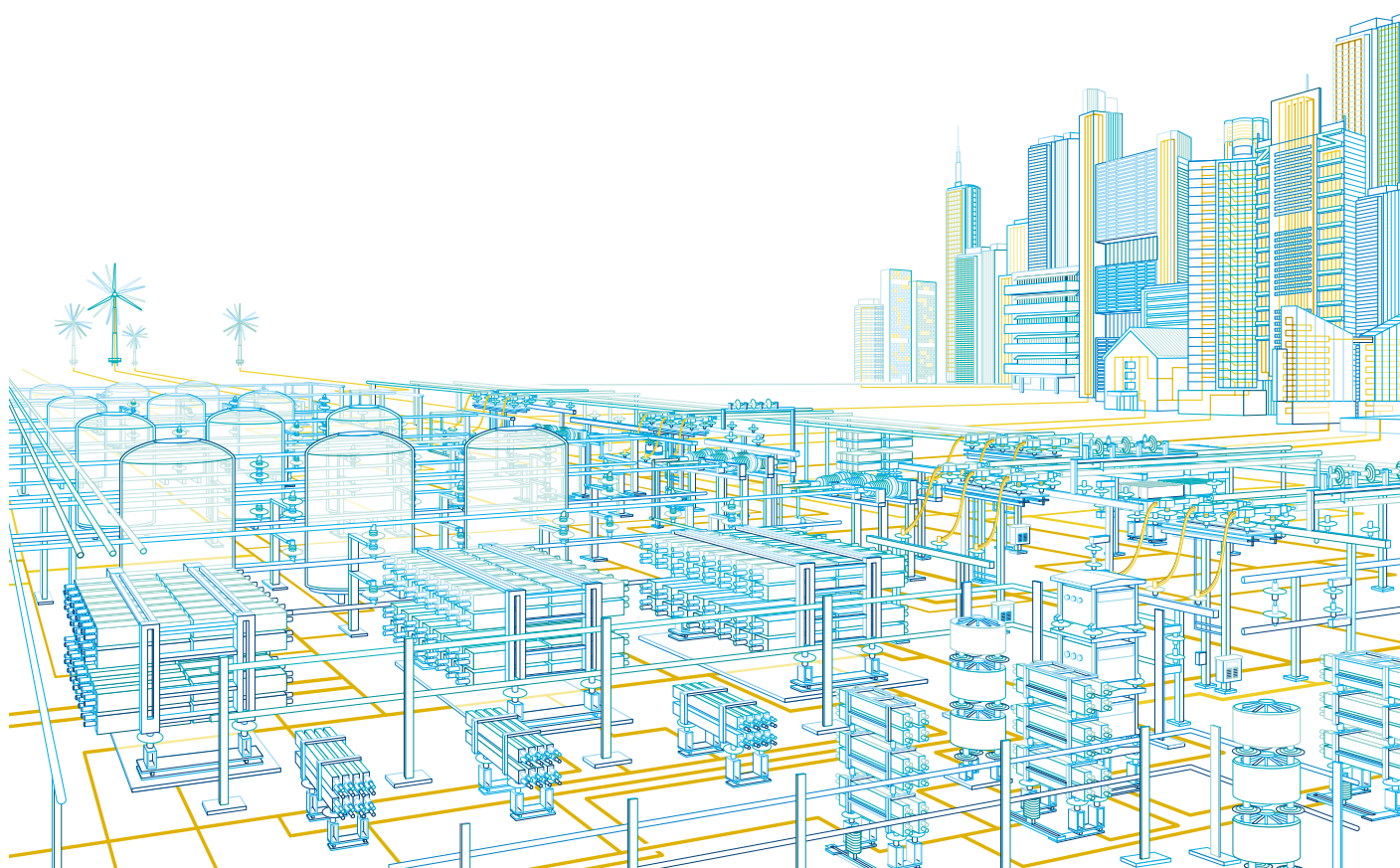


Feed-through screw clamp terminal blocks

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 *italics*. Technical data valid for copper conductors only.

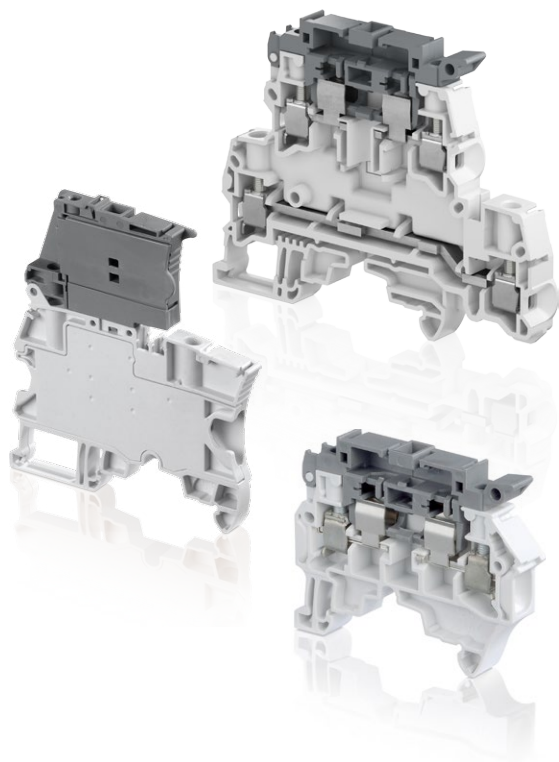




SNK series, terminal blocks

Fuse protection

3



Optimize your control circuit protection

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

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

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



RoHS



Select the right fuse holder for the right application

1 standard applications

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

2 Expert for convenient circuit distribution

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

Additional features for easy trouble shooting and testing

Performant blown fuse indicators

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

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

Easy testing

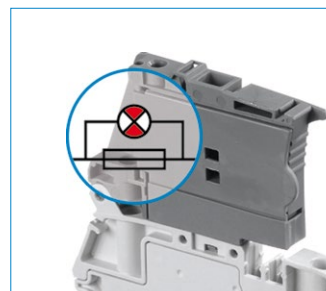
Some terminal blocks are equipped with Dia 2 mm built-in test socket screws for circuit testing while respecting the IP20 touch proof protection.



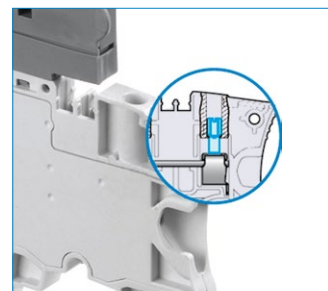
1
 5x20 and 5x25 mm fuses
 Compact and high density



2
 5x20 and 6.3x32 mm fuses
 Easy potential distribution



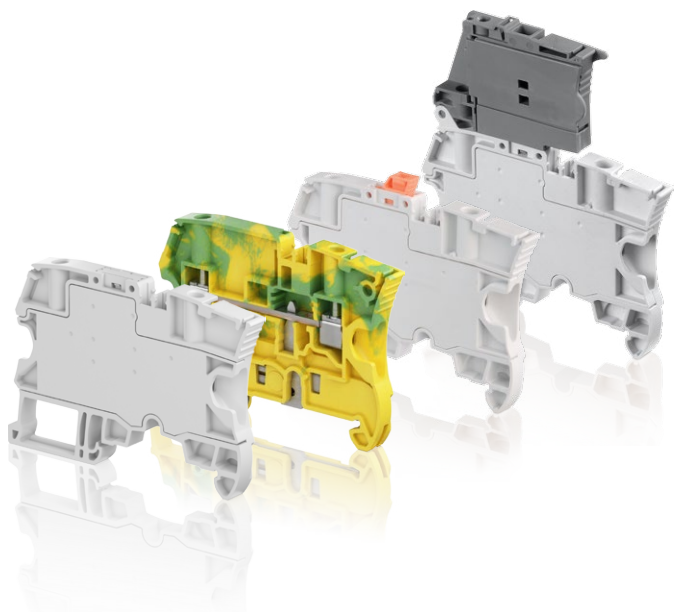
Low leakage current blown fuse indicator.
 Large voltage range: (24/110 V and 110/250 V AC and DC)



Convenient testing through built in test socket screws

SNK series, terminal blocks

Marshalling cabinets application



The smart choice for process automation

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

SNK aligned terminal blocks offering:

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

Typical marshalling configurations

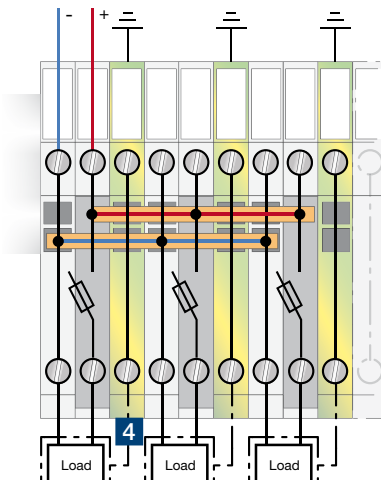
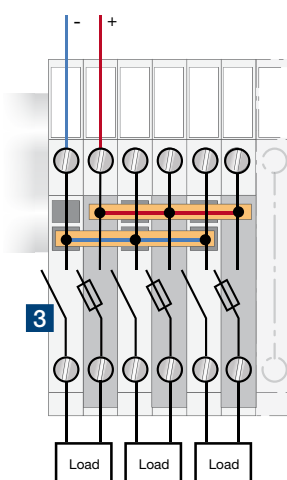
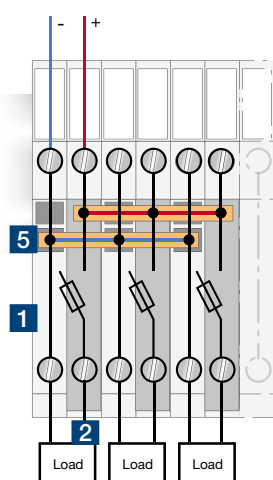
Digital signals

Popular potential distribution via double center channel.

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

Analog

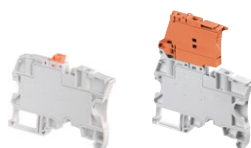
Potential distribution for analog signals. Ground terminal blocks allow reliable connection of cable shields to the ground sparing the use of external shield bar.



1 ZS4-R2



2 ZS4-SF



3 ZS4-S-R1 or ZS4-S-R2



4 ZS4-PE-R2

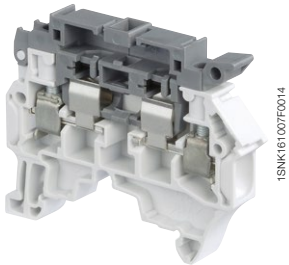
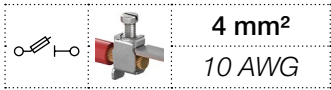


5 JB6-...

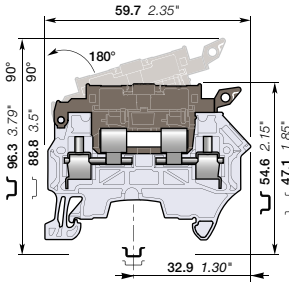
1SNK161086S0201

ZS4-SF1 screw clamp terminal blocks

for 5x20 and 5x25 fuses - 8 mm 0.315 in spacing



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	Weight
Fuses	Grey-dark grey	ZS4-SF1	1SNK508410R0000	pce 50	(1 pce) 9 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	24 ... 12 AWG
	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	24 ... 16 AWG
	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		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		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

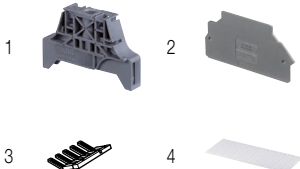
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	BV	DNV	Rina

Accessories

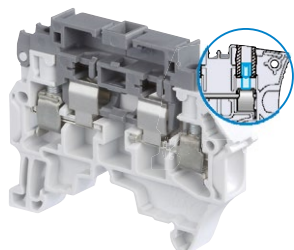
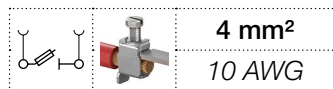
Description	Color	Type	Order code	Pkg	Weight
1 End stops	Dark grey	BAM3	1SNK900001R0000	pce 50	(1 pce) 9 13.80
2 End sections	Dark grey	ES4-SF	1SNK508960R0000	20	1.82
3 Lateral jumper bars	Black	PC81-10	1SNA173523R1100	10	5.00
4 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

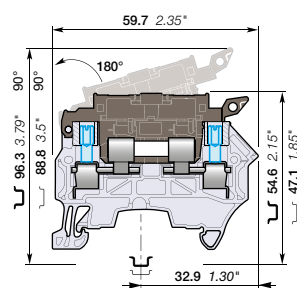


All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

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

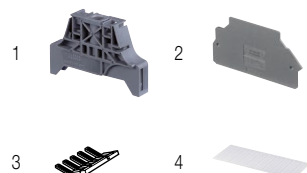
	IEC	UL - CSA	Mounting instructions		
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²	24 ... 12 AWG	Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
2 conductors per clamp	Gauge	A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG		
	Flexible	0.2 ... 1.5 mm²	24 ... 16 AWG		
Rated current / Rated cross section		6.3 A / 4 mm²	10 A / 10 AWG	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

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

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

Accessories

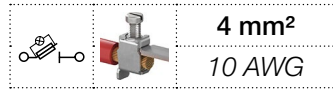


Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections 1.5 mm 0.059 in	Dark grey	ES4-SF	1SNK508960R0000	20	1.82
3 Lateral jumper bars 10 poles 35 A	Black	PC81-10	1SNA173523R1100	10	5.00
4 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK9000611R0000	10	0.20

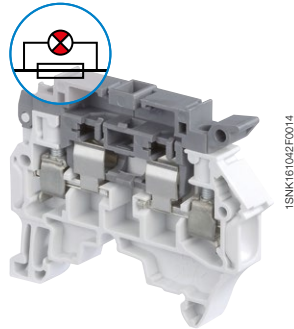
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

ZS4-SF1-R screw clamp terminal blocks for 5x20 and 5x25 fuses - with blown fuse indicator

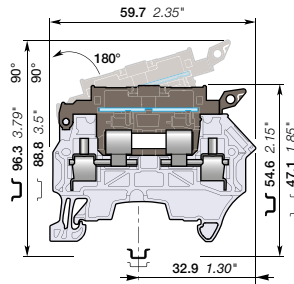
8 mm 0.315 in spacing



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	Weight
Fuses With blown fuse indicator 24 ... 110 V AC / DC	Grey-dark grey	ZS4-SF1-R1	1SNK508412R0000	50 pce	13.30 (1 pce) g
With blown fuse indicator 115 ... 250 V AC / DC	Grey-dark grey	ZS4-SF1-R3	1SNK508414R0000	50	13.30

Main technical data

	IEC	UL - CSA		
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge A3-B3	0.2 ... 4 mm ² 0.22 ... 4 mm ² 0.22 ... 4 mm ² 0.22 ... 4 mm ² 24 ... 10 AWG 24 ... 12 AWG	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG	Wire stripping length 11 mm 0.433 in
2 conductors per clamp	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm ² 0.2 ... 1.5 mm ² 0.22 ... 1.5 mm ²	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG	Tool Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section	6.3 A / 4 mm ²	10 A / 10 AWG		Torque 0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated voltage	630 V	300 V		
Impulse withstand voltage	8000 V			
Protection	IP20	NEMA 1		

Mounting instructions

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

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

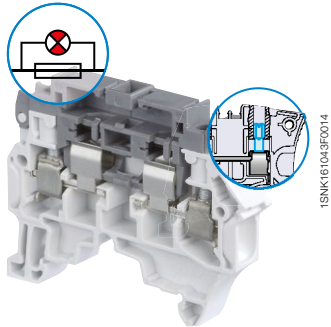
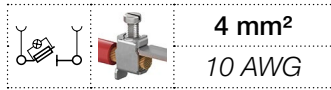
Accessories

Description	Color	Type	Order code	Pkg	Weight
1 End stops 10 mm 0.394 in	Dark grey	BAM3	1SNK900001R0000	50 pce	13.80 (1 pce) g
2 End sections 1.5 mm 0.059 in	Dark grey	ES4-SF	1SNK508960R0000	20	1.82
3 Lateral jumper bars 10 poles 35 A	Black	PC81-10	1SNA173523R1100	10	5.00
4 Terminal block markers Blank card	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

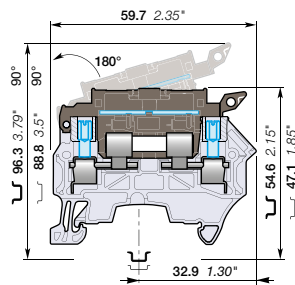
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

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 24 ... 110 V AC / DC 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 115 ... 250 V AC / DC 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	Rail		TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length		11 mm 0.433 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG			
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG			
	Gauge	A3-B3				
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 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	Torque		0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated voltage		630 V	300 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

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

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

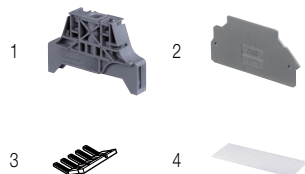
CE	IEC CB	RoHS	UL	CSA	Gost R	BV	DNV	Rina
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Accessories

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 Lateral jumper bars 10 poles 35 A	Black	PC81-10	1SNA173523R1100	10	5.00
4 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

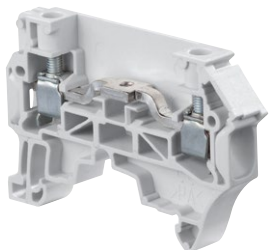
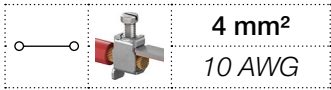
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

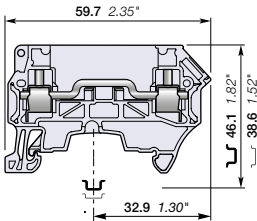


ZS4-R1 screw clamp terminal blocks

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 Flexible with non insulated ferrule with insulated ferrule Gauge A3-B3	24 ... 10 AWG 24 ... 4 mm² 24 ... 12 AWG 24 ... 12 AWG
2 conductors per clamp	Rigid - Solid / Stranded Flexible with twin ferrule	24 ... 16 AWG 24 ... 16 AWG 24 A / 2.5 mm² 26 A / 10 AWG
Rated current / Rated cross section	300 A	300 V
Rated short-time withstand current (1s)	300 A	300 V
Short Circuit Current Rating (with specific conditions)	300 A	300 V
Rated voltage	800 V	300 V
Impulse withstand voltage	6000 V	300 V
Protection	IP20	NEMA 1

Rated voltage Ex e

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	IEC	RoHS	UL	CSA	Gost R	BV	DNV	Rina
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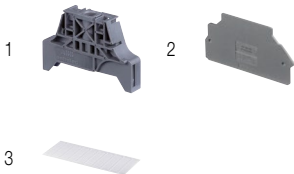
Mounting instructions

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

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES4-SF	1SNK508960R0000	20	1.82
3 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
	Grey	MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

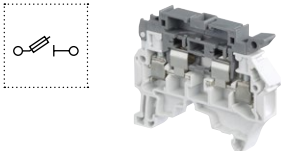
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



Fuses screw clamp terminal blocks

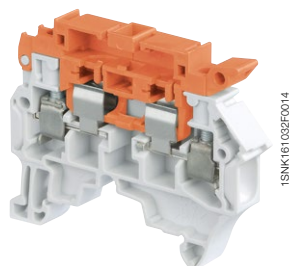
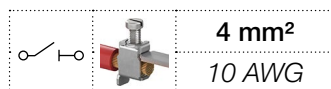
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF1	1SNK508410R0000	50	13.30

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

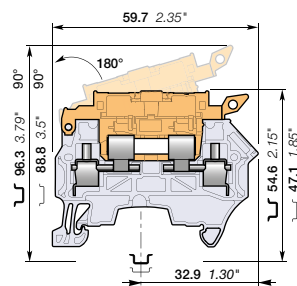


ZS4-S-R3 screw clamp terminal blocks

Disconnect with lever - 8 mm 0.315 in spacing



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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
2 conductors per clamp	Gauge	A3-B3			
	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 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	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Maximum current / Maximum cross section		18 A / 4 mm²			
Rated short-time withstand current (1s)		300 A			
Rated voltage		630 V	300 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

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

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

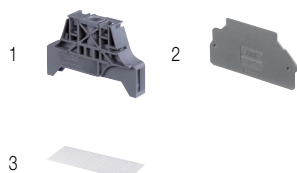
CE	RoHS	UL	CSA	Gost R	BV	DNV	Rina
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Accessories

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	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

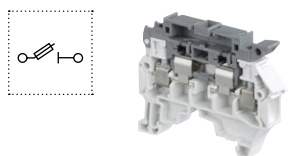


Fuses screw clamp terminal blocks

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

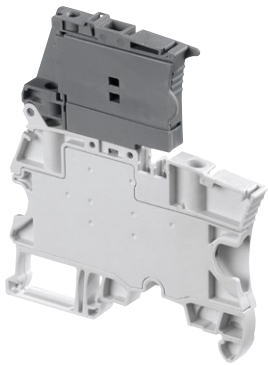
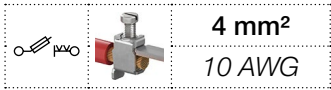
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

Technical data valid for copper conductors only.

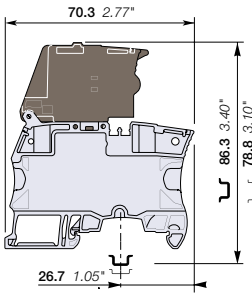


ZS4-SF screw clamp terminal blocks

for 5x20 fuses - 6 mm 0.236 in spacing



ZS4-SF



6 mm 0.236 in spacing

Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 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 Flexible 0.22 ... 4 mm² with non insulated ferrule 0.22 ... 4 mm² with insulated ferrule 0.22 ... 4 mm² Gauge A3-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG
2 conductors per clamp	Rigid - Solid / Stranded 0.2 ... 1.5 mm² Flexible 0.2 ... 1.5 mm² with twin ferrule 0.22 ... 1.5 mm²	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG
Rated current / Rated cross section	6.3 A / 4 mm²	10 A / 10 AWG
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 3.5 mm Ø 0.138 in
Torque		0.6 N.m ± 0.1 5.31 lb.in ± 0.885

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

Separate arrangement		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	IEC	RoHS	USR CNR	CSA	Gost R	BV	DNV	Fima
CE	CB	RoHS	USR CNR	CSA	Gost R	BV	DNV	Fima

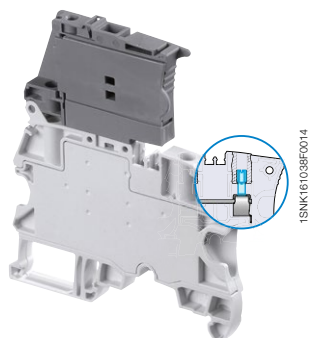
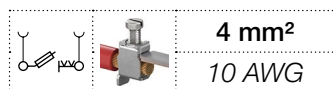
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
6 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

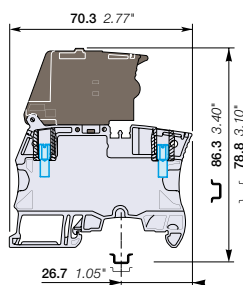
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

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	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
2 conductors per clamp	Gauge	A3-B3		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG		
	Flexible	0.2 ... 1.5 mm²	24 ... 16 AWG	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		6.3 A / 4 mm²	10 A / 10 AWG		
Rated voltage		500 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

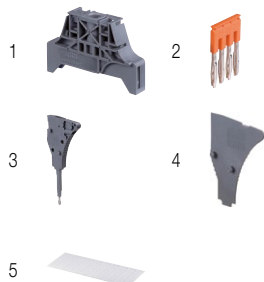
The fuse holder must be first disconnected prior any fuse replacement. Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

Separate arrangement		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	IEC CB	RoHS	UL US	CSA	Gost R	BV	DNV	Rina
CE	CB	RoHS	USR CNR	CSA	Gost R	BV	DNV	Rina

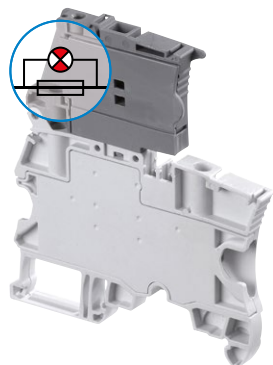
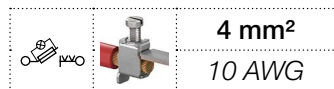
Accessories



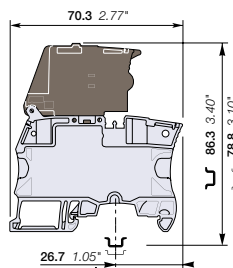
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
4 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
5 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

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 24 ... 110 V AC / DC	Grey-dark grey	ZS4-SF-R1	1SNK506412R0000	50	18.60
With blown fuse indicator 115 ... 250 V AC / DC	Grey-dark grey	ZS4-SF-R3	1SNK506415R0000	50	18.60

Main technical data

	IEC	UL - CSA			
1 conductor per clamp	Rigid - Solid / Stranded Flexible with non insulated ferrule with insulated ferrule Gauge A3-B3	24 ... 10 AWG 0.22 ... 4 mm² 0.22 ... 4 mm² 0.22 ... 4 mm²	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG	Rail	TH 35-7.5, TH 35-15
2 conductors per clamp	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm² 0.2 ... 1.5 mm² 0.22 ... 1.5 mm²	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG	Wire stripping length	10.5 mm 0.413 in
Rated current / Rated cross section	6.3 A / 4 mm²	10 A / 10 AWG		Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated voltage	500 V	150 V		Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Impulse withstand voltage	6000 V				
Protection	IP20	NEMA 1			

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

Separate arrangement		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	IEC	RoHS	UL	CSA	Gost R	BV	DNV	Flina
CE	CB	RoHS	UL	CSA	Gost R	BV	DNV	Flina

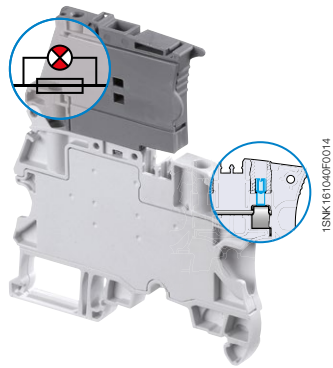
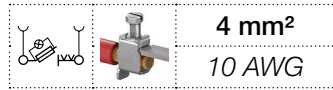
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
4 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
5 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
6 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

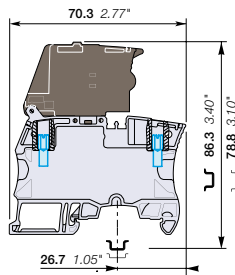
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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



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 24 ... 110 V AC / DC 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 115 ... 250 V AC / DC 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 Flexible with non insulated ferrule with insulated ferrule Gauge A3-B3	0.2 ... 4 mm² 0.22 ... 4 mm² 0.22 ... 4 mm² 0.22 ... 4 mm² 24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG	Rail Wire stripping length	TH 35-7.5, TH 35-15 10.5 mm 0.413 in
2 conductors per clamp	Rigid - Solid / Stranded Flexible with twin ferrule	0.2 ... 1.5 mm² 0.2 ... 1.5 mm² 0.22 ... 1.5 mm²	24 ... 16 AWG 24 ... 16 AWG 24 ... 16 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		6.3 A / 4 mm²	10 A / 10 AWG	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated voltage		500 V	150 V		
Impulse withstand voltage		6000 V			
Protection		IP20	NEMA 1		

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

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

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

Accessories

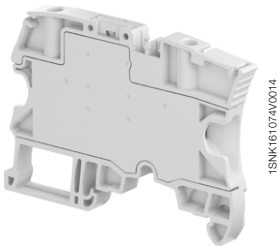
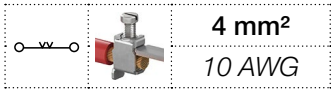
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB6-2 JB6-3 JB6-4 JB6-5 JB6-10	1SNK906302R0000 1SNK906303R0000 1SNK906304R0000 1SNK906305R0000 1SNK906310R0000	50 50 50 50 20	1.30 2.10 2.90 3.60 7.40
3 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
4 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
5 Terminal block markers	White	MC612 MC612PA	1SNK150000R0000 1SNK159999R0000	22 20	10.00 11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

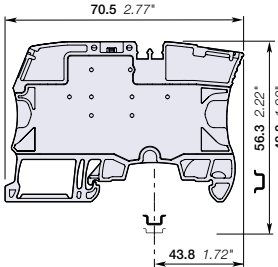
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

ZS4-R2 screw clamp terminal blocks

Feed-through - 6 mm 0.236 in spacing



ZS4-R2



6 mm 0.236 in spacing

Description

Simplify the distribution of circuits in marshalling cabinets thanks to our feed-through terminal blocks with the same profile as ZS4-SF fuse, ZS4-S-R1 disconnect and ZS4-PE-R2 ground terminal blocks:

- aligned conductor entries, jumper channels and marking in just 6 mm 0.236 in spacing,
- No end section needed: closed block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Profile aligned with ZS4-SF and ZS4-S-R1	Grey	ZS4-R2	1SNK506013R0000	50	12.40

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
	Flexible	0.22 ... 4 mm²	24 ... 12 AWG
	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	24 ... 16 AWG
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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

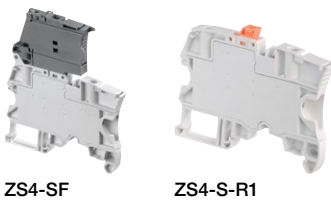
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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



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	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
3 Test adapters For test plugs DIA 2 mm 0.079 in For test plugs DIA 4 mm 0.157 in	Dark grey	TP2	1SNK900203R0000	20	1.73
		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	Dark grey	ES-TC6	1SNK906105R0000	10	0.80
6 Terminal block markers Blank card	White	MC612	1SNK150000R0000	22	10.00
	Grey	UMH	1SNK159999R0000	20	11.00
Universal wire markers holder		Grey	UMH	10	0.20

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.



ZS4-SF

ZS4-S-R1

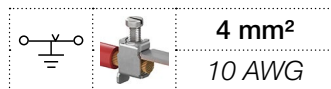
Screw clamp terminal blocks

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey, dark grey	ZS4-SF	1SNK506410R0000	50	18.60
Disconnect Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey	ZS4-S-R1	1SNK506310R0000	50	13.20

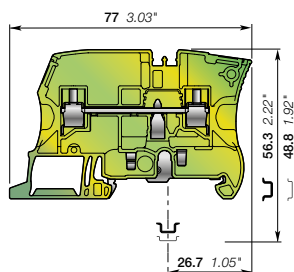
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS4-PE-R2 screw clamp terminal blocks

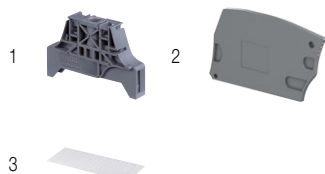
Ground - 6 mm 0.236 in spacing



ZS4-PE-R2



6 mm 0.236 in spacing



ZS4-SF

ZS4-S-R1

Description

- Simplify the shielding connection of your analog circuits in marshalling cabinets thanks to our ground terminal blocks with the same profile as ZS4-SF fuse, ZS4-S-R1 disconnect and ZS4-R2 feed-through terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Ground Screwless rail connection	Green-yellow	ZS4-PE-R2	1SNK506153R0000	25	15.30

Main technical data

Connecting capacity	IEC	UL - CSA
1 conductor per clamp		
Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
Flexible	0.22 ... 4 mm²	24 ... 12 AWG
with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG
with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG
Gauge	A3-B3	
Rated cross section	4 mm²	10 AWG
Rated short-time withstand current (1s)	480 A	396 A
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	IEC	RoHS	UL	CSA	Gost R	BBV
CE	CB	RoHS	UL	CSA	Gost R	BBV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES6-4S	1SNK505911R0000	20	3.11
3 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
	Grey	MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

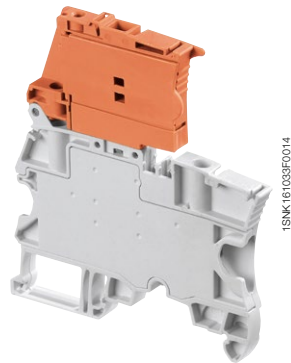
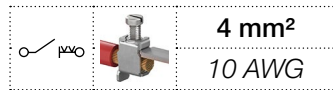
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Screw clamp terminal blocks

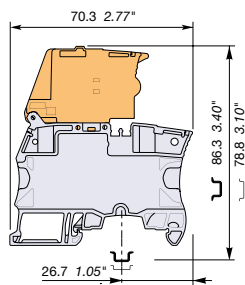
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuse Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey, dark grey	ZS4-SF	1SNK506410R0000	50	18.60
Disconnect Profile aligned with ZS4-R2 and ZS4-PE-R2	Grey	ZS4-S-R1	1SNK506310R0000	50	13.20

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

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



ZS4-S-R2



6 mm 0.236 in spacing

Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS4-SF:

- with the same profile as ZS4-SF, the ZS4-S-R2 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

Ordering details

Description	Color	Type	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 mm ²	24 ... 10 AWG
Flexible	0.22 ... 4 mm ²	
with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG
with insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG
Gauge	A3-B3	
2 conductors per clamp		
Rigid - Solid / Stranded	0.2 ... 1.5 mm ²	24 ... 16 AWG
Flexible	0.2 ... 1.5 mm ²	
with twin ferrule	0.22 ... 1.5 mm ²	24 ... 16 AWG
Rated current / Rated cross section	18 A / 2.5 mm ²	13 A / 10 AWG
Maximum current / Maximum cross section	18 A / 4 mm ²	
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 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>

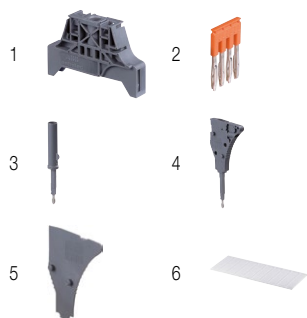
CE	UL	RoHS	UL	CSA	Gost R	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	BV	DNV	Rina

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 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
	Grey	UMH	1SNK900611R0000	10	0.20

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

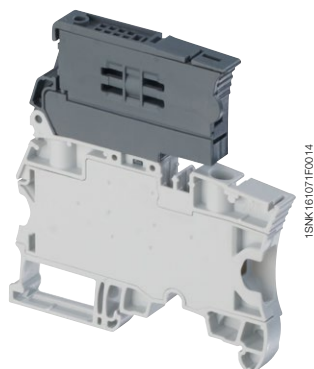
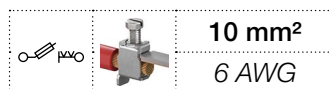
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF	1SNK506410R0000	50	18.60

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

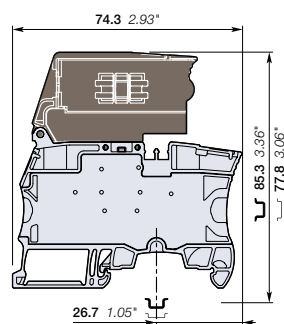
Technical data valid for copper conductors only.

ZS10-SF screw clamp terminal blocks

For 6.3x32 fuses - 8 mm 0.315 in spacing



ZS10-SF



8 mm 0.315 in spacing

Description

- Protect your circuits with 6.3x32 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	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 6 AWG	Wire stripping length		13 mm 0.512 in
	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	Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
	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	Torque		1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Rated voltage		630 V	600 V			
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

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

Separate arrangement		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>



Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
3 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
4 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
5 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.35
6 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
	Grey	MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

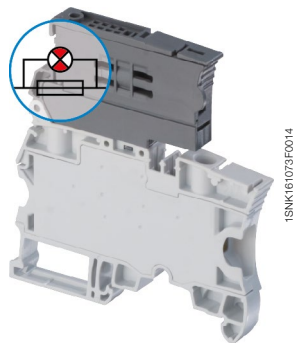
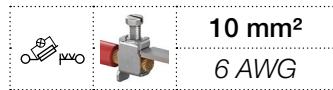
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

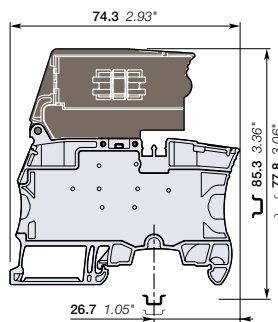
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS10-SF-R screw clamp terminal blocks

For 6.3x32 fuses - with blown fuse indicator - 8 mm 0.315 in spacing



ZS10-SF-R



8 mm 0.315 in spacing

Description

- Protect your circuits with 6.3x32 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 24 ... 110 V AC / DC	Grey, dark grey	ZS10-SF-R1	1SNK508421R0000	50	30.50
With blown fuse indicator 115 ... 250 V AC / DC		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

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

Separate arrangement		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	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	ULR	CSA	Gost R	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	2 poles JB8-2	1SNK908302R0000	50	2.70
		3 poles JB8-3	1SNK908303R0000	50	4.10
		4 poles JB8-4	1SNK908304R0000	50	5.60
		5 poles JB8-5	1SNK908305R0000	40	7.00
		10 poles JB8-10	1SNK908310R0000	20	14.20
3 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm 0.157 in TP4	1SNK900205R0000	20	2.41
4 Test connectors	Dark grey	5.2 mm 0.205 in spacing TC5	1SNK900200R0000	10	5.23
		End module, 5.2 mm 0.205 in TC5-R1	1SNK900201R0000	10	5.23
		2.8 mm 0.110 in ES-TC8	1SNK900104R0000	10	1.35
5 Spacers	Dark grey				
6 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20
Universal wire markers holder					

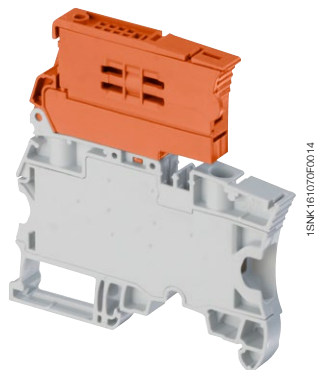
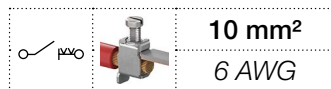
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

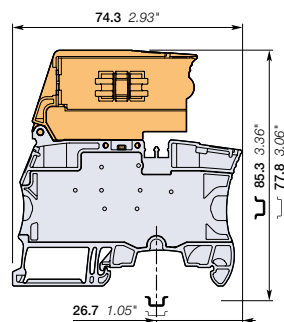
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS10-S-R2 screw clamp terminal blocks

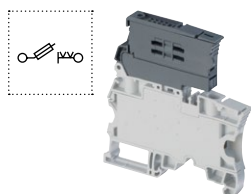
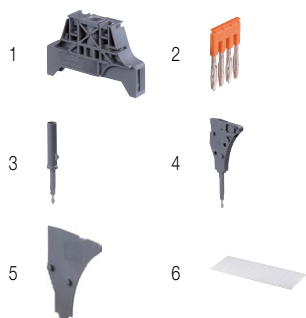
Disconnect with lever - 8 mm 0.315 in spacing



ZS10-S-R2



8 mm 0.315 in spacing



Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS10-SF:
– with the same profile as ZS10-SF, the ZS10-S-R2 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

Ordering details

Description	Color	Type	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	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 6 AWG	Wire stripping length		13 mm 0.512 in
	Flexible	0.5 ... 10 mm²	24 ... 6 AWG			
	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	Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible	0.5 ... 4 mm²	20 ... 12 AWG			
	with twin ferrule	0.5 ... 4 mm²	20 ... 12 AWG			
Rated current / Rated cross section		10 A / 4 mm²	22 A / 6 AWG	Torque		1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Maximum current / Maximum cross section		25 A / 10 mm²				
Rated short-time withstand current (1s)		480 A				
Rated voltage		630 V	600 V			
Impulse withstand voltage		6000 V				
Protection		IP20	NEMA 1			

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

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

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.

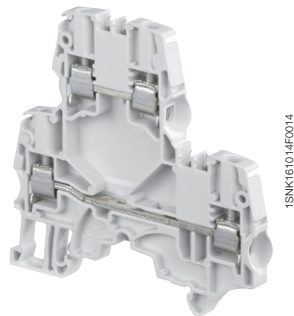
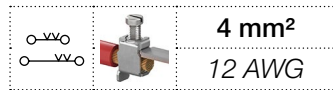
Fuse screw clamp terminal blocks

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

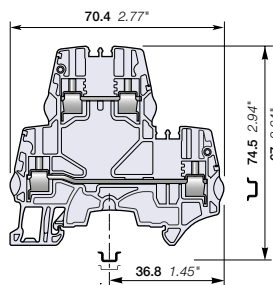
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

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	Rail	 TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	 10 mm 0.394 in
	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	Tool	 Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm²	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
Rated current / Rated cross section		29 A / 4 mm²	20 A / 12 AWG	Torque	 0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)			100 KA		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		400 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC — 300 V 20 A 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	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Fluor
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Fluor

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	ES4-D2	1SNK505960R0000	20	4.10
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
5 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
6 Shield connectors		SHB	1SNK900602R0000	20	4.90
7 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
	Grey	MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

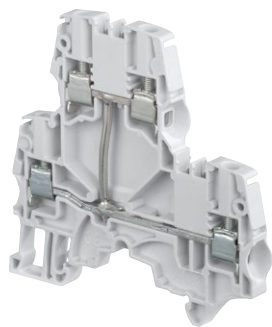
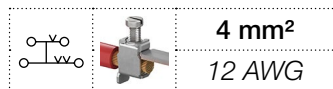
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

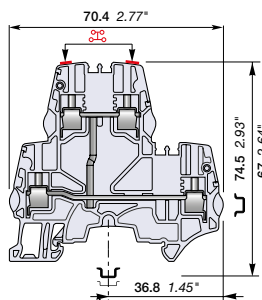
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

ZS4-D1 screw clamp terminal blocks

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



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 mm ²	24 ... 12 AWG
Flexible	0.22 ... 4 mm ²	24 ... 12 AWG
with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG
with insulated ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG
Gauge	A3-B3	
2 conductors per clamp		
Rigid - Solid / Stranded	0.2 ... 1.5 mm ²	24 ... 16 AWG
Flexible	0.2 ... 1.5 mm ²	24 ... 16 AWG
with twin ferrule	0.22 ... 1.5 mm ²	24 ... 16 AWG
Rated current / Rated cross section	29 A / 4 mm ²	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

Increased safety Ex e 400 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/III C — 300 V 20 A 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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CE	IEC	RoHS	UL	CSA	PC	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Rina

Accessories

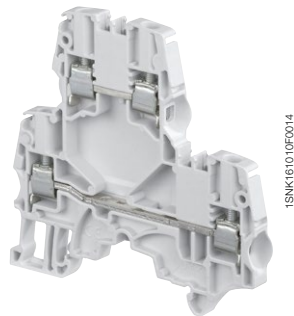
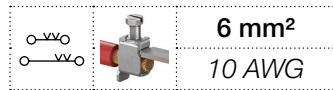
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections 2.55 mm 0.100 in	Dark grey	ES4-D2	1SNK505960R0000	20	4.10
3 Jumper bars 2 poles 32 A 30 A	Orange	JB5-2	1SNK905302R0000	50	1.30
3 poles		JB5-3	1SNK905303R0000	50	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
50 poles		JB5.50	1SNK905350R0000	10	36.10
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
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

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

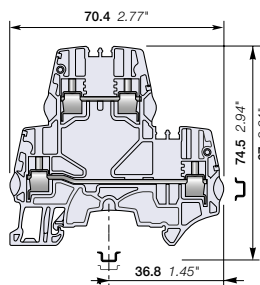
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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 mm ²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.2 ... 6 mm ²			
	with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG	Wire stripping length	10 mm 0.394 in
	with insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG		
2 conductors per clamp	Gauge	A4-B3		Tool	
	Rigid - Solid / Stranded	0.2 ... 2.5 mm ²	24 ... 14 AWG		
	Flexible	0.2 ... 2.5 mm ²		Torque	Flat screwdriver Ø 4 mm Ø 0.157 in
	with twin ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG		0.85 N.m ± 0.15 7.52 lb.in ± 1.33
Rated current / Rated cross section		40 A / 6 mm ²	30 A / 10 AWG		
Rated short-time withstand current (1s)		720 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Increased safety Ex e 400 V 40 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIIC - 300 V 30 A 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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CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Flint
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Flint

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
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Test adapters For test plugs DIA 2 mm 0.079 in For test plugs DIA 4 mm 0.160 in	Dark grey	TP2	1SNK900203R0000	20	1.73
		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	White	MC612	1SNK150000R0000	22	10.00
	Grey	MC612PA	1SNK159999R0000	20	11.00
Universal wire markers holder		UMH	1SNK900611R0000	10	0.20

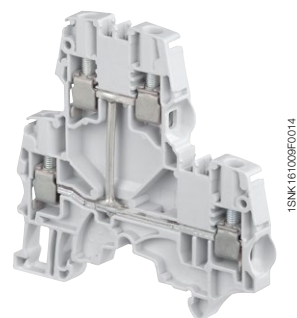
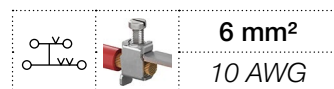
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

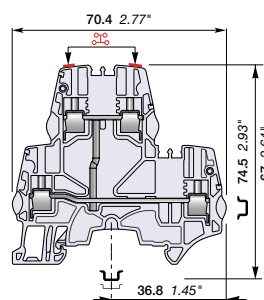
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

ZS6-D1 screw clamp terminal blocks

Double deck with 1 feed-through circuit - 6 mm 0.236 in spacing



ZS6-D1



6 mm 0.236 in spacing

Description

- Ease one potential distribution on 4 independent screw clamps,
- Save space by connecting conductors up to 6 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 mm ² Flexible 0.2 ... 6 mm ² with non insulated ferrule 0.22 ... 4 mm ² with insulated ferrule 0.22 ... 4 mm ² Gauge A4-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG
2 conductors per clamp	Rigid - Solid / Stranded 0.2 ... 2.5 mm ² Flexible 0.2 ... 2.5 mm ² with twin ferrule 0.22 ... 2.5 mm ²	24 ... 14 AWG 24 ... 14 AWG 24 ... 14 AWG
Rated current / Rated cross section	40 A / 6 mm ²	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

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

Increased safety Ex e 400 V 40 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIc — 300 V 30 A UL 60079-7 - Class I, Zone I, AEx e II

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CE	IEC	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Pina
CE	CB	RoHS	UL	CSA	Gost R	ATEX	IECEx	BR-Ex e II	Haz Loc	BV	DNV	Pina

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
50 poles		JB6-50	1SNK906350R0000	10	38.10
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 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
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

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

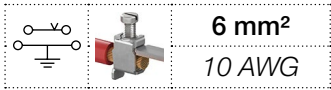
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

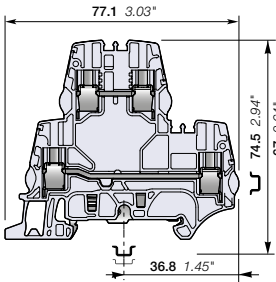
ZS6-D2-PE screw clamp terminal blocks

Double deck with 1 feed-through circuit and 1 ground circuit

6 mm 0.236 in spacing



ZS6-D2-PE



6 mm 0.236 in spacing

Description

- Save space with ZS6-D2-PE terminal blocks: 1 feed-through circuit and 1 ground circuit in just 6 mm 0.236 in spacing,
- Customize yourself the ZS6-D2-PE terminal blocks by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching.

Ordering details

Description	Color	Type	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 Flexible 0.22 ... 6 mm² with non insulated ferrule 0.22 ... 4 mm² with insulated ferrule 0.22 ... 4 mm² Gauge A4-B3	24 ... 10 AWG 24 ... 12 AWG 24 ... 12 AWG
2 conductors per clamp	Rigid - Solid / Stranded 0.2 ... 2.5 mm² Flexible 0.2 ... 2.5 mm² with twin ferrule 0.22 ... 2.5 mm²	24 ... 14 AWG 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

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

Increased safety Ex e	
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CE	IEC CB
RoHS	RoHS
UL	UL
CSA	CSA
Gost R	Gost R
BV	BV

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
50 poles		JB6-50	1SNK906350R0000	10	38.10
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
Universal wire markers holder	Grey	UMH	1SNK159999R0000	20	11.00
			1SNK900611R0000	10	0.20

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.

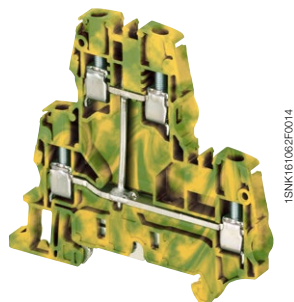
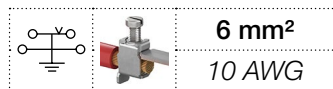
Double deck screw clamp terminal blocks

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

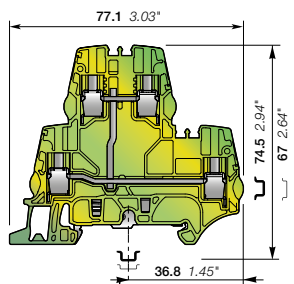
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

ZS6-D1-PE screw clamp terminal blocks

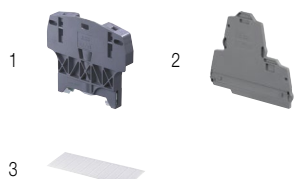
Double deck with 1 ground circuit - 6 mm 0.236 in spacing



ZS6-D1-PE



6 mm 0.236 in spacing



Description

- Save space with double deck ground terminal blocks aligned with ZS6-D2 double deck terminal blocks for convenient cabling process and circuit configuration,
- Benefit from our screwless rail connection: non operator 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	636 A
Protection	IP20	NEMA 1

Explosive atmosphere classification

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	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	UL	CSA	Gost R	BV

Accessories

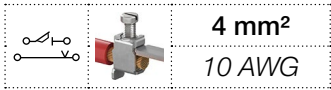
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	ES4-D2	1SNK505960R0000	20	4.10
3 Terminal block markers	White	MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

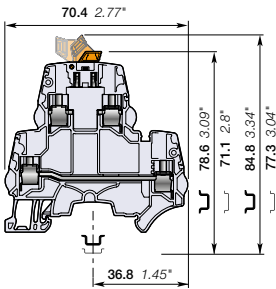
ZS4-D2-S screw clamp terminal blocks

Double deck with 1 disconnect circuit and 1 feed-through circuit

5.2 mm 0.205 in spacing



ZS4-D2-S



5.2 mm 0.205 in spacing

Description

- Save space: connect one complete circuit on a single block featuring disconnect and feed-through for the return circuit in just 5.2 mm 0.205 in spacing,
- Same profile as ZS4-D... double deck terminal blocks: convenient cabling process, aligned jumpers, markers and common end section.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 disconnect circuit and 1 feed-through circuit	Grey	ZS4-D2-S	1SNK505315R0000	50	15.90

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²	24 ... 10 AWG	Wire stripping length	10.5 mm 0.413 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	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	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
	Flexible	0.2 ... 1.5 mm²	24 ... 16 AWG		
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
Disconnect circuit				Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated current / Rated cross section		25 A / 4 mm²	27 A / 10 AWG		
Feed-through circuit					
Rated current / Rated cross section		29 A / 4 mm²	27 A / 10 AWG		
Rated short-time withstand current (1s)		480 A			
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

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

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

Accessories

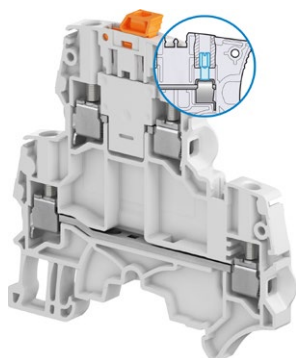
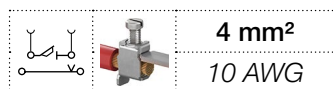
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	ES4-D2	1SNK505960R0000	20	4.10
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
5 Shield connectors		SHB	1SNK900602R0000	20	4.90
6 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

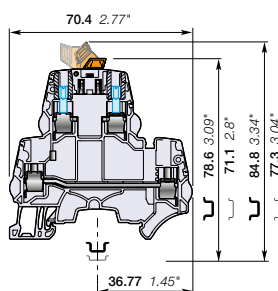
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZS4-D2-S-T2 screw clamp terminal blocks

Double deck with 1 disconnect circuit with test socket screws and 1 feed-through circuit - 5.2 mm 0.205 in spacing



ZS4-D2-S-T



5.2 mm 0.205 in spacing

Description

- Find the same functionalities as ZS4-D2-S, upgraded with the two built-in test socket screws meant to ease your signal testing during commissioning and maintenance.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 disconnect circuit with 2 test socket screws and 1 feed-through circuit	Grey ☐	ZS4-D2-S-T2	1SNK505316R0000	50	16.20

Main technical data

Connecting capacity		IEC	UL - CSA	Rail		TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm ²	24 ... 10 AWG	Wire stripping length		10.5 mm 0.413 in
	Flexible	0.22 ... 4 mm ²	24 ... 12 AWG			
	with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG			
	with insulated ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG			
	Gauge	A3-B3				
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm ²	24 ... 16 AWG	Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
	Flexible	0.2 ... 1.5 mm ²	24 ... 16 AWG			
	with twin ferrule	0.22 ... 1.5 mm ²	24 ... 16 AWG			
Disconnect circuit						
Rated current / Rated cross section		25 A / 4 mm ²	27 A / 10 AWG			
Feed-through circuit						
Rated current / Rated cross section		29 A / 4 mm ²	27 A / 10 AWG	Torque		0.6 N.m ± 0.1 5.31 lb.in ± 0.885
Rated short-time withstand current (1s)		480 A				
Rated voltage		630 V	300 V			
Impulse withstand voltage		8000 V				
Protection		IP20	NEMA 1			

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

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

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey ☒	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey ☒	ES4-D2	1SNK505960R0000	20	4.10
3 Jumper bars	Orange ☒	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Test adapters	Dark grey ☒	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
5 Shield connectors		SHB	1SNK900602R0000	20	4.90
6 Terminal block markers	White ☒	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey ☒	UMH	1SNK900611R0000	10	0.20

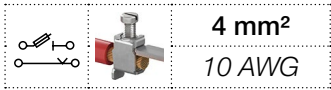
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

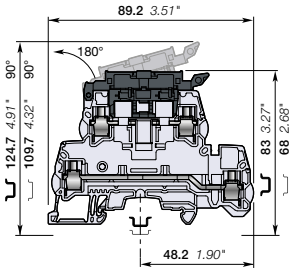
ZS4-D2-SF1 screw clamp terminal blocks

Double deck with 1 fuse circuit and 1 feed-through circuit

8 mm 0.315 in spacing



ZS4-D2-SF1



8 mm 0.315 in spacing

Description

- Save space: connect one complete circuit on a single block featuring fuse and feed-through for the return circuit,
- Protect your circuit with either 5X20 or 5X25 fuse (fuse not supplied with the terminal blocks),
- High performances product: compliant with IEC 60947-7-3 standard and jumper channel for the feed-through circuit.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 fuse circuit and 1 feed-through circuit	Grey, dark grey	ZS4-D2-SF1	1SNK508425R0000	50	27.50

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
	Gauge	A3-B3		Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.885
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		
Disconnect circuit					
Rated current / Rated cross section		6.3 A / 4 mm²	12 A / 10 AWG		
Feed-through circuit					
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

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

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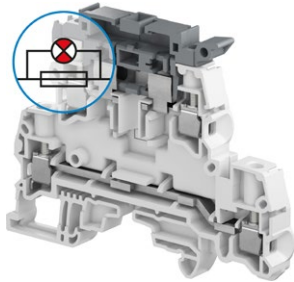
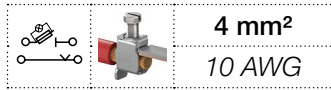
Accessories

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 2.5 mm 0.098 in	Dark grey	ES4-D2-SF1	1SNK508911R0000	20	4.98
3 Jumper bars 2 poles 57 A	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
4 Lateral jumper bars 10 poles 35 A		PC81-10	1SNA173523R1100	10	5.00
5 Test adapters For test plugs DIA 2 mm 0.079 in	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors 5.2 mm 0.205 in spacing	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
7 Spacers 2.8 mm 0.110 in	Dark grey	ES-TC8	1SNK900104R0000	10	1.35
8 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

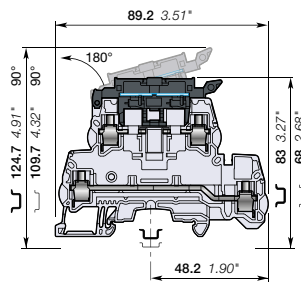
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages. All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZS4-D2-SF1-R screw clamp terminal blocks

Double deck with 1 fuse circuit with blown fuse indicator and 1 feed-through circuit - 8 mm 0.315 in spacing



ZS4-D2-SF1-R



8 mm 0.315 in spacing

Description

- Find the same functionalities as ZS4-D2-SF1, upgraded with our integrated blown fuse indicator (with leakage current < 0.5 mA),
- Only one part number needed to fit AC/DC 24 V up to 110 V.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Double deck 1 fuse circuit with blown fuse indicator 24 ... 110 V AC / DC and 1 feed-through circuit	Grey, dark grey	ZS4-D2-SF1-R1	1SNK508423R0000	50	29.40
1 fuse circuit with blown fuse indicator 115 ... 250 V AC / DC and 1 feed-through circuit	Grey, dark grey	ZS4-D2-SF1-R3	1SNK508424R0000	50	29.40

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.22 ... 4 mm²		Wire stripping length	11 mm 0.433 in
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.22 ... 4 mm²	24 ... 12 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG	Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.88
	Flexible	0.2 ... 1.5 mm²			
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG		
Disconnect circuit				Torque	0.6 N.m ± 0.1 5.31 lb.in ± 0.88
Rated current / Rated cross section		6.3 A / 4 mm²	12 A / 10 AWG		
Feed-through circuit					
Rated current / Rated cross section		32 A / 4 mm²	30 A / 10 AWG		
Rated voltage		800 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

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

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

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	ES4-D2-SF1	1SNK508911R0000	20	4.98
3 Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
4 Lateral jumper bars		PC81-10	1SNA173523R1100	10	5.00
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
7 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.35
8 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

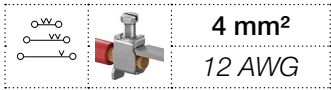
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

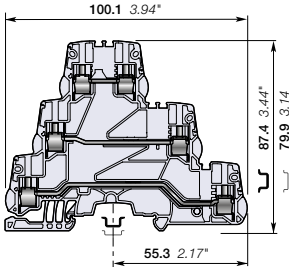
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

ZS4-T3 screw clamp terminal blocks

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



ZS4-T3



5.2 mm 0.205 in spacing

Description

Save space: 3 independent circuits in just 5.2 mm 0.205 in spacing,
– fit many applications: space constraints, multiple signals distribution, sensors distribution, thanks to the jumper channels available on each deck.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Triple deck 3 feed-through circuits	Grey	ZS4-T3	1SNK505212R0000	25	24.40

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 12 AWG
	Flexible	0.22 ... 4 mm²	24 ... 12 AWG
	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	24 ... 16 AWG
	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	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15, TH35-15, 10.5 mm, 0.413 in
Wire stripping length		
Tool		Flat screwdriver, Ø 3.5 mm, Ø 0.138 in
Torque		0.6 N.m ± 0.1, 5.311 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	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	ULR	CSA	Gost R	BV

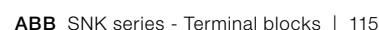
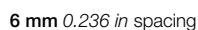
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	ES4-T3	1SNK505961R0000	20	4.16
3 Jumper bars	Orange	2 poles	JB5-2	50	1.30
		3 poles	JB5-3	50	2.00
		4 poles	JB5-4	50	2.70
		5 poles	JB5-5	50	3.50
		10 poles	JB5-10	30	7.10
		50 poles	JB5-50	10	36.10
4 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	20	1.73
		For test plugs DIA 4 mm 0.157 in	TP4	20	2.41
5 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	Universal wire markers holder	UMH	10	0.20

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 *italics*.

Triple deck with 3 feed-through circuits - 6 mm 0.236 in spacing

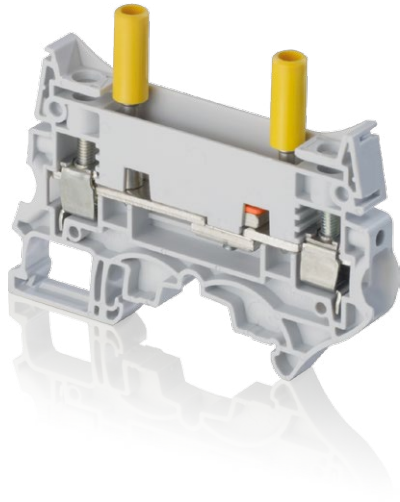


SNK series, terminal blocks

Screw clamp technology

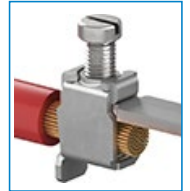
Test & measurement

3



Secure your measurement operations

The new ZS10-ST test & measurement terminal blocks benefit from our long experience in the energy applications and from the SNK features: performances, ergonomics, common accessories and marking.



High performances

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



RoHS



Rely on our smart design

Insulated short circuit bridges:
SC-JB8

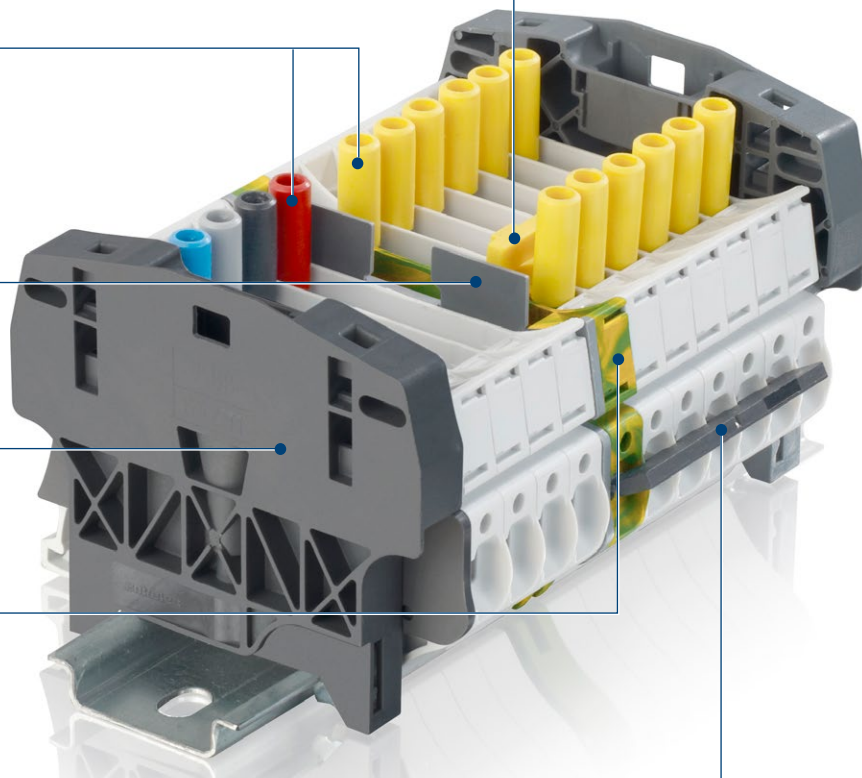
Insulated captive test sockets:
AJS9
6 colors
compatible with standard
DIA. 4 mm test plugs
(IEC 60010-031)

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



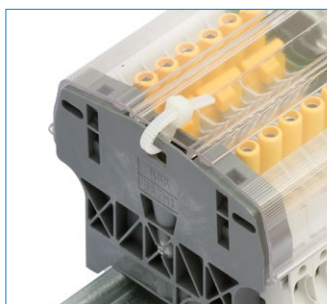
1SNK160057S0201



Assembly with protecting cover



Drilling and centering guide



Seal with cable tie



Convenient removal with screwdriver

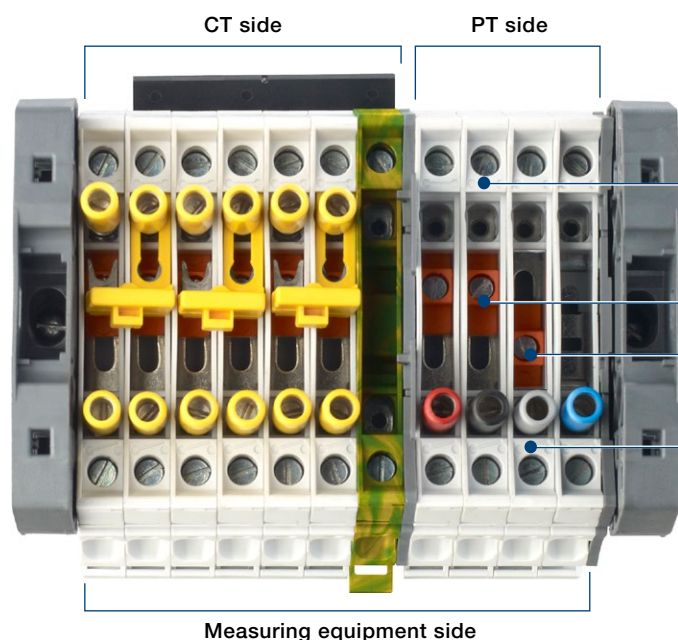
Guarantee access only to authorized operators

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



sliding link status: closed

Disconnect sliding link status:

Open and close symbols help to visualize the sliding link position



sliding link status: opened



1



2



3

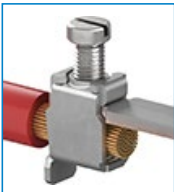
Short-circuit CT circuits safely and conveniently

- 1 Fully operated by screwdriver (DIA 3.5 mm)
- 2 Short-circuited position secured thanks to AJS9 test sockets tightening
- 3 Adapted hook shape maintain the bridge on terminal block in the non connected position

SNK series, terminal blocks

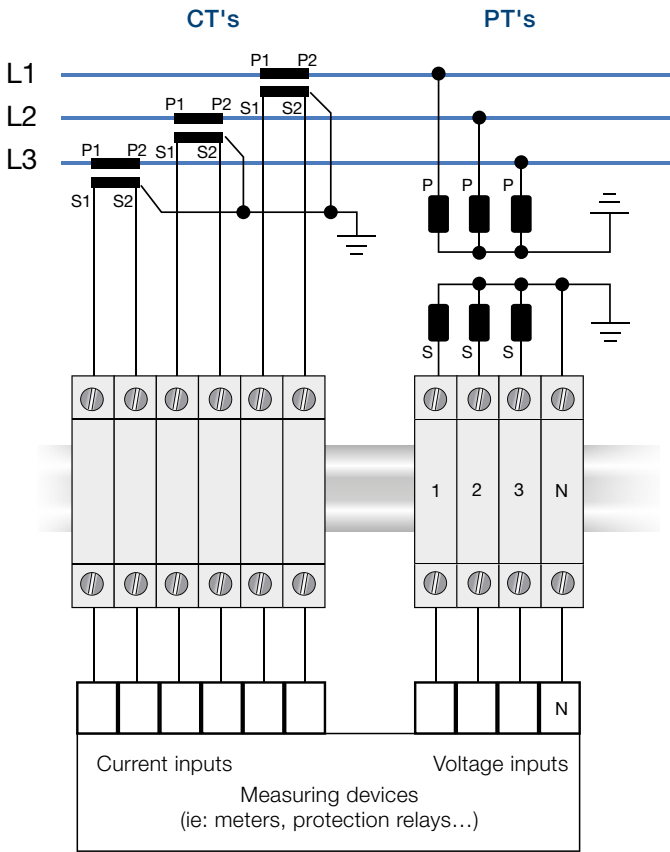
Test & measurement

Typical schematic for measuring devices



Common point on the transformers

3



Bill of material optimized

CT's

PT's

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...)

CT's		PT's		
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

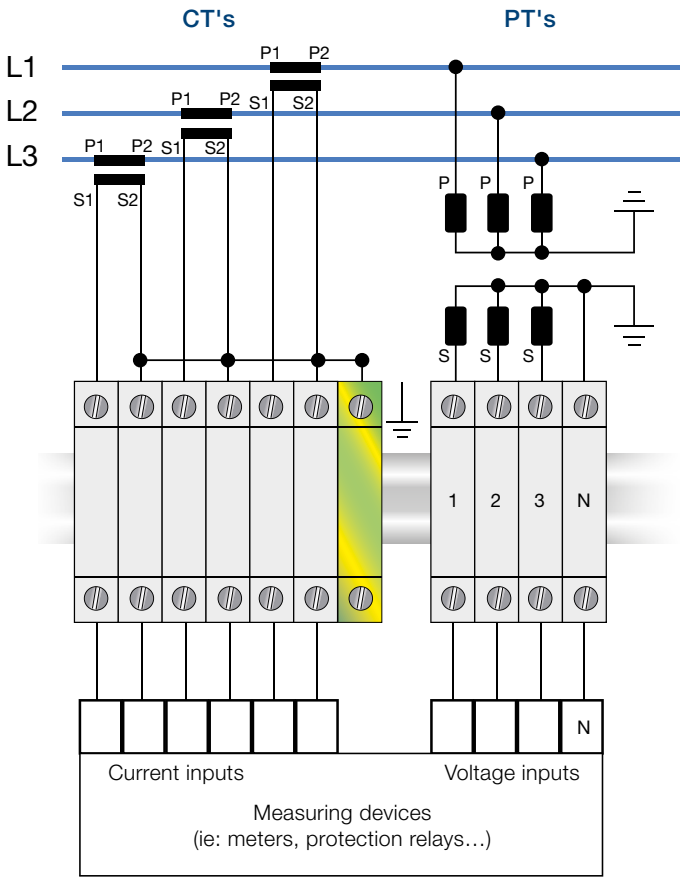
SNK series, terminal blocks

Test & measurement

Typical schematic for measuring devices



Common point on the terminal block assembly



Bill of material optimized

4

CT's

PT's

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...)

9

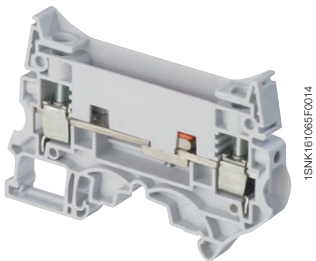
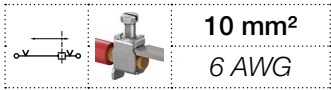
CT's

PT's

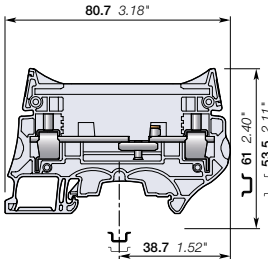
Description	Type	Order code	Qty needed	CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0	
2 Terminal block	ZS10-R1	1SNK508011R0000	3	1	
3 Terminal block	ZS10-ST-1	1SNK508312R0000	0	3	
4 Terminal block	ZS10-PE-R1	1SNK508151R0000	1	0	
5 End section	ES10-ST	1SNK508910R0000	1	1	
6 Short-circuit bridges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

ZS10-ST screw clamp terminal blocks

Test disconnect with sliding link - 8 mm 0.315 in spacing



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: lateral jumper bars PC8... and short circuit bridges SC-JB8...

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
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 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 0.138 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

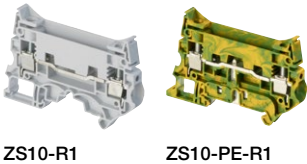
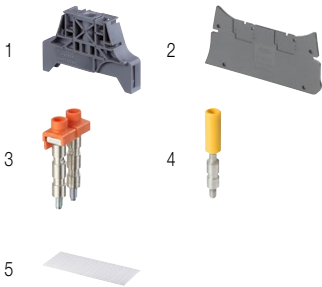
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	UL	CSA	Gost R	BV

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES10-ST	1SNK508910R0000	20	3.52
3 Jumper bars	Orange	JB8-2-R1	1SNK908902R0000	10	7.60
		JB8-3-R1	1SNK908903R0000	10	11.60
		JB8-4-R1	1SNK908904R0000	10	15.50
		JB8-5-R1	1SNK908905R0000	10	19.40
		JB8-10-R1	1SNK908910R0000	10	39.00
4 Test sockets	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
		AL4-M3	1SNA206721R0100	50	1.10
5 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK160011R0000	1	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.



Screw clamp terminal blocks

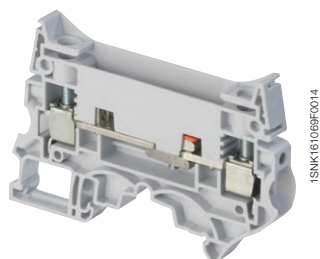
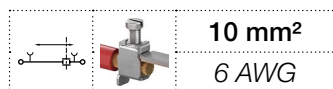
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS10-R1	1SNK508011R0000	25	20.90
Ground	Green-yellow	ZS10-PE-R1	1SNK508151R0000	25	28.40

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

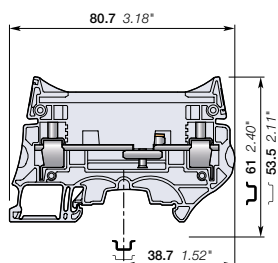
ZS10-ST-1 screw clamp terminal blocks

Test disconnect with sliding link for Potential Transformer circuits

8 mm 0.315 in spacing



ZS10-ST-1



8 mm 0.315 in spacing

Description

Test terminal blocks especially designed for Potential Transformers circuits:

- Low profile voltage measurement thanks to the two compact built-in test sockets compatible with DIA 4 mm 0.157 in test plugs,
- Installed with our aligned feed-through and ground terminal blocks, you benefit of a complete and compact solution for your PT circuits.

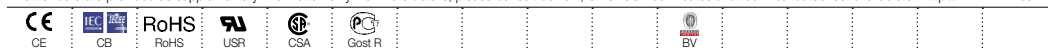
Ordering details

Description	Color	Type	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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm²		Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm²	24 ... 8 AWG		
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	20 ... 12 AWG	Screw clamp	Flat screwdriver Ø 3.5 mm 0.138 in
	Flexible	0.5 ... 4 mm²		Tool	
	with twin ferrule	0.5 ... 4 mm²	20 ... 12 AWG		
Rated current / Rated cross section		50 A / 10 mm²	53 A / 6 AWG	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Rated short-time withstand current (1s)		1200 A		Disconnect device	Flat screwdriver Ø 3.5 mm 0.138 in
Rated voltage		630 V	300 V	Tool	
Impulse withstand voltage		8000 V		Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Protection		IP10	NEMA 1		

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



Accessories

Description	Color	Type	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
		PC8-R1	1SNA400711R0600	10	6.60
		PC8-R2	1SNA400712R0700	10	7.84
		PC8-R3	1SNA400713R0000	10	9.00
		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	White ☐	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK160011R0000	1	14.00
	Grey ☐	UMH	1SNK900611R0000	10	0.20

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

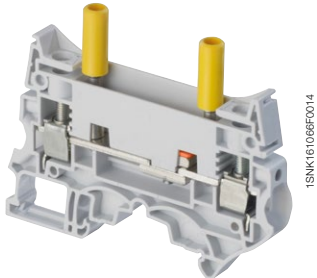
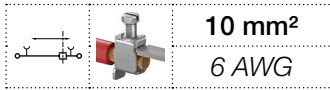
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Feed-through Profile aligned with ZS10-ST...	Grey ☐	ZS10-R1	1SNK508011R0000	25	20.90
Ground Profile aligned with ZS10-ST...	Green-yellow ☐	ZS10-PE-R1	1SNK508151R0000	25	28.40

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

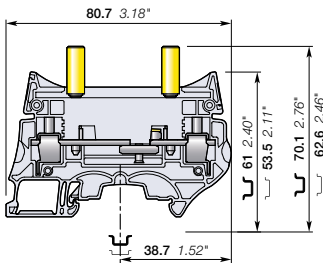
ZS10-ST-T4 screw clamp terminal blocks

Test disconnect with sliding link for Current Transformer circuits

8 mm 0.315 in spacing



ZS10-ST-T4



8 mm 0.315 in spacing

Description

Test terminal blocks especially designed for Current Transformers circuits:

- Easy and safe current measurement thanks to the two insulated built-in test sockets compatible with IP20 DIA 4 mm 0.157 in test plugs (per IEC60101-031),
- Convenient short-circuit operations with the SC-JB insulated sliding bridges,
- Installed with our aligned feed-through and ground terminal blocks, you benefit of a complete and compact solution for your CT circuits.

Ordering details

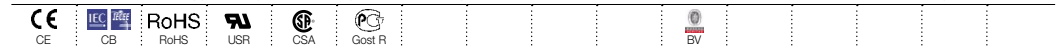
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Disconnect With two yellow test sockets DIA 4 mm 0.157 in	Grey ☐	ZS10-ST-T4	1SNK508311R0000	25	31.90

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm²		Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm²	24 ... 8 AWG	Screw clamp Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG		
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	20 ... 12 AWG	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
	Flexible	0.5 ... 4 mm²	20 ... 12 AWG		
	with twin ferrule	0.5 ... 4 mm²	20 ... 12 AWG	Disconnect device	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		50 A / 10 mm²	53 A / 6 AWG	Tool	Ø 3.5 mm Ø 0.138 in
Rated short-time withstand current (1s)		1200 A		Torque	0.4 - 0.6 N.m 3.5 - 5.3 lb.in
Rated voltage		630 V	300 V	Test socket	Flat screwdriver Ø 3.5 mm Ø 0.138 in
Impulse withstand voltage		8000 V		Tool	Ø 3.5 mm Ø 0.138 in
Protection		IP20	NEMA 1	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>.

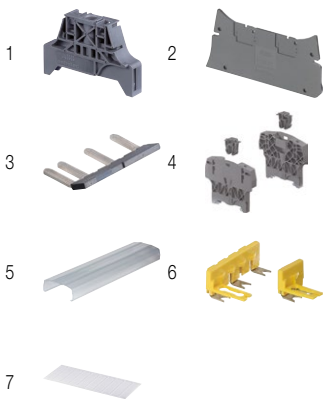


Accessories

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	1SNA16331R2400	10	14.00
		PC8-R1	1SNA400711R0600	10	6.60
		PC8-R2	1SNA400712R0700	10	7.84
		PC8-R3	1SNA400713R0000	10	9.00
		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
		SC-JB8-3	1SNK900653R0000	25	3.40
		SC-JB8-4	1SNK900654R0000	25	4.70
7 Terminal block markers Blank card	White ☐	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK160011R0000	1	14.00
	Grey ☐	UMH	1SNK900611R0000	10	0.20

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

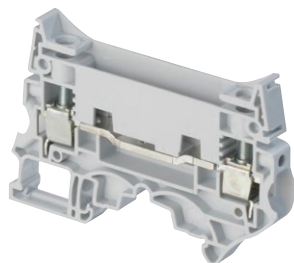
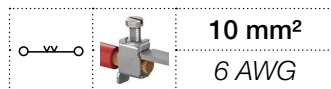
Screw clamp terminal blocks

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

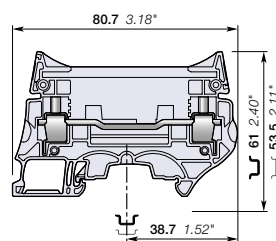
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS10-R1 screw clamp terminal blocks

Feed-through - 8 mm 0.315 in spacing



ZS10-R1



8 mm 0.315 in spacing

Description

With the same profile as the ZS10-ST..., the feed-through ZS10-R1 allows you to fully implement the electrical drawing of your CT or PT circuits:

- Fully compatible with the ZS10-ST... accessories.

Ordering details

Description	Color	Type	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	Mounting instructions	
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	24 ... 6 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible	0.5 ... 10 mm²		Wire stripping length	13 mm 0.512 in
	with non insulated ferrule	0.5 ... 10 mm²	24 ... 8 AWG		
	with insulated ferrule	0.5 ... 6 mm²	24 ... 10 AWG		
	Gauge	A5-B5			
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	20 ... 12 AWG	Tool	Flat screwdriver Ø 3.5 mm Ø 0.138 in
	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	Torque	1.3 N.m ± 0.3 11.5 lb.in ± 2.65
Rated short-time withstand current (1s)		1200 A			
Short Circuit Current Rating (with specific conditions)					
Rated voltage		630 V	300 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		

Rated voltage Ex e

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>

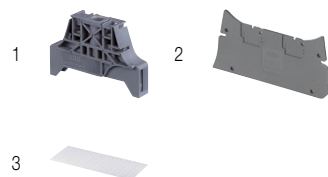


Accessories

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	White ☐	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK160011R0000	1	14.00
	Grey ☐	UMH	1SNK900611R0000	10	0.20

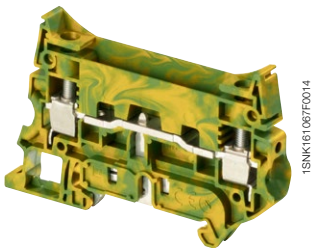
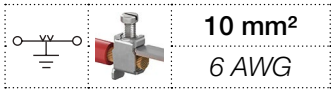
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

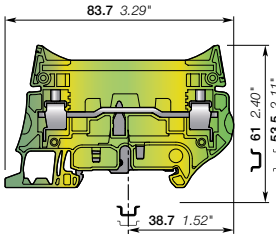


ZS10-PE-R1 screw clamp terminal blocks

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	24 ... 6 AWG
	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

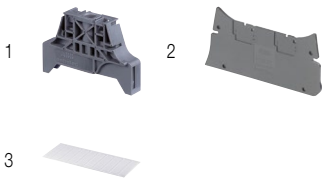
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

CE	IEC	RoHS	UL	CSA	Gost R	BV
CE	CB	RoHS	UL	CSA	Gost R	BV

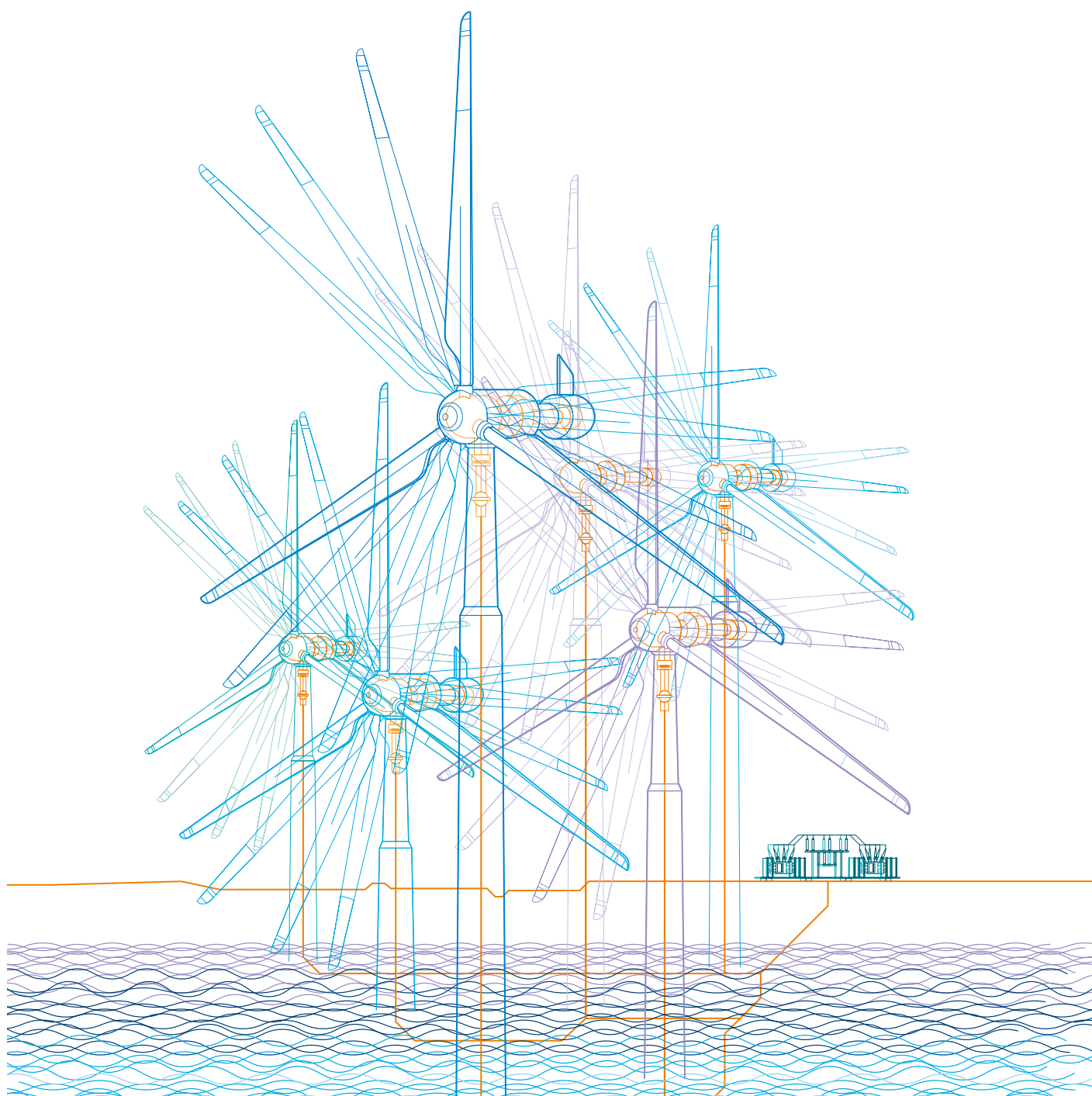
Accessories

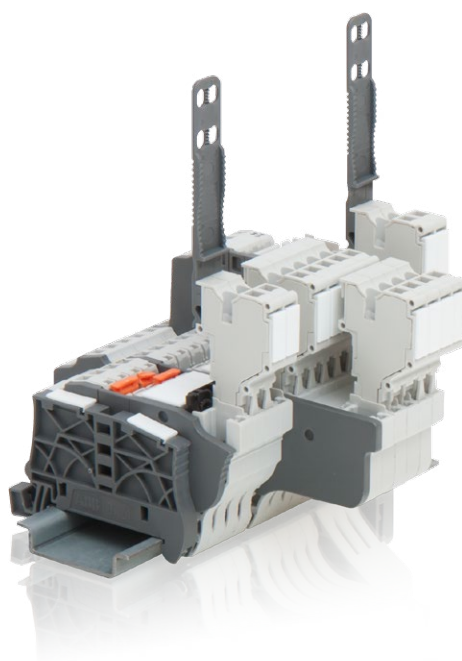
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 End sections	Dark grey	ES10-ST	1SNK508910R0000	20	3.52
3 Terminal block markers	White	MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK160011R0000	1	14.00
	Grey	UMH	1SNK900611R0000	10	0.20

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.

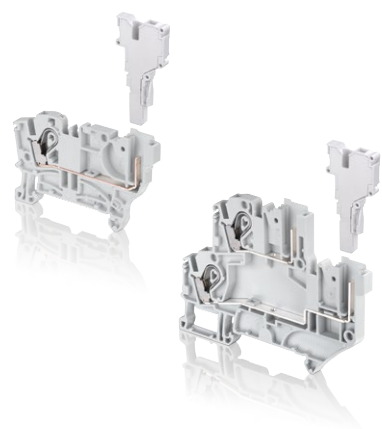


All the technical data for UL/CSA standard and dimensions in inches are in *italics*.





SNK series, pluggable PI-Spring screwless terminal blocks



Feed-through - pluggable

2.5 mm ² / 12 AWG	ZDP2.5-11	128
	ZDP2.5-22	129

Double deck - pluggable

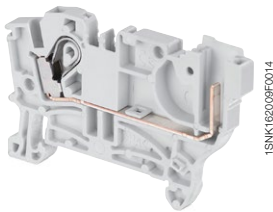
2.5 mm ² / 12 AWG	ZDP2.5-D2	2 feed-through circuits	130
	ZDP2.5-D1	1 feed-through circuit	131

Female plugs

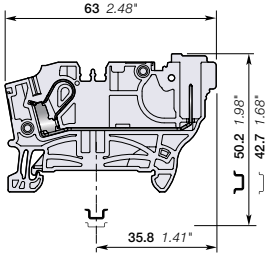
2.5 mm ² / 12 AWG	C2.5-ZDP	132
------------------------------	-----------------	-----

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	IEC	RoHS	UL	CSA	Gost R
CE	CB	RoHS	UL	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

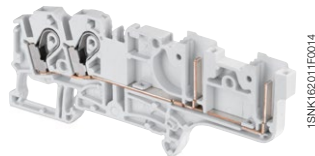
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EP2.5	1SNK605910R0000	20	2.60
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
7 Coding pegs	Dark grey	COP-ZDP	1SNK900635R0000	10	0.20
8 Locking devices	Black	VRD-5	1SNK900626R0000	20	0.20
9 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

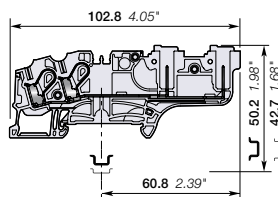
All the technical data for UL/CSA standard and dimensions in inches are in italic. Technical data valid for copper conductors only.

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

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

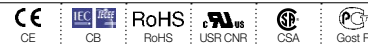
Main technical data

	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

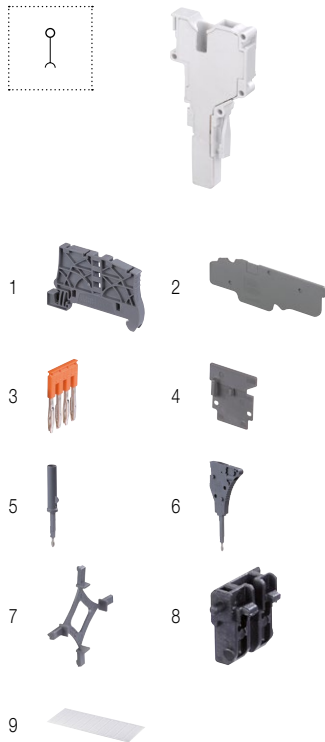
Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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>



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	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2 End sections	Dark grey	EDP2.5-22	1SNK805912R0000	20	2.60
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10
4 Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20
5 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
6 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
7 Coding pegs	Dark grey	COP-ZDP	1SNK900635R0000	10	0.20
8 Locking devices	Black	VRD-5	1SNK900626R0000	20	0.20
9 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

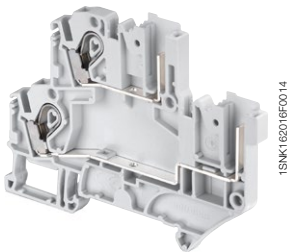
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

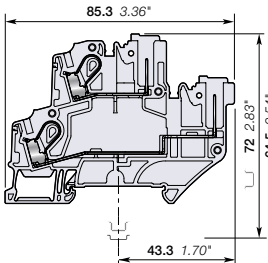
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.
Technical data valid for copper conductors only.

ZDP2.5-D2 pluggable PI-Spring screwless terminal blocks

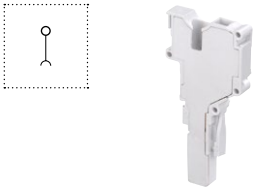
Double deck with 2 feed-through circuits - 5.2 mm 0.205 in spacing



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

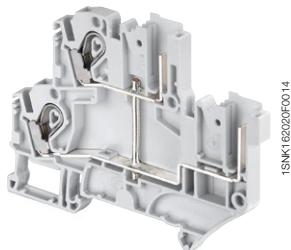
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	EDP2.5-D2	1SNK805960R0000	20	2.60
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
5 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
6 Coding pegs	Dark grey	COP-ZDP	1SNK900635R0000	10	0.20
7 Locking devices	Black	VRD-5	1SNK900626R0000	20	0.20
8 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

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

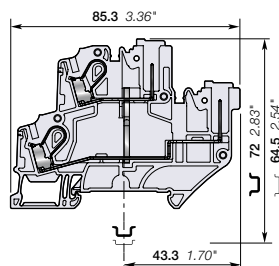
All the technical data for UL/CSA standard and dimensions in inches are in *italics*. Technical data valid for copper conductors only.

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



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	UL	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	Dark grey	BAZH1	1SNK900102R0000	20	23.90
2 End sections	Dark grey	EDP2.5-D2	1SNK805960R0000	20	2.60
3 Jumper bars	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
4 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.73
		TP4	1SNK900205R0000	20	2.41
5 Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.23
		TC5-R1	1SNK900201R0000	10	5.23
6 Coding pegs	Dark grey	COP-ZDP	1SNK900635R0000	10	0.20
7 Locking devices	Black	VRD-5	1SNK900626R0000	20	0.20
8 Terminal block markers	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet.
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 *italics*.
Technical data valid for copper conductors only.

5.2 mm 0.205 in spacing



1SNK160173F0014

2.5 mm²
12 AWG

- 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 nubbs.

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

		IEC	UL - CSA	Rail		
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm ²	20 ... 12 AWG	Wire stripping length		11 mm 0.433 in
	Flexible	0.5 ... 2.5 mm ²				
	with non insulated ferrule	0.5 ... 2.5 mm ²	20 ... 12 AWG			
	with insulated ferrule	0.5 ... 2.5 mm ²	20 ... 12 AWG			
				Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section		24 A / 2.5 mm ²	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			

Rail		11 mm 0.433 in
Wire stripping length		
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

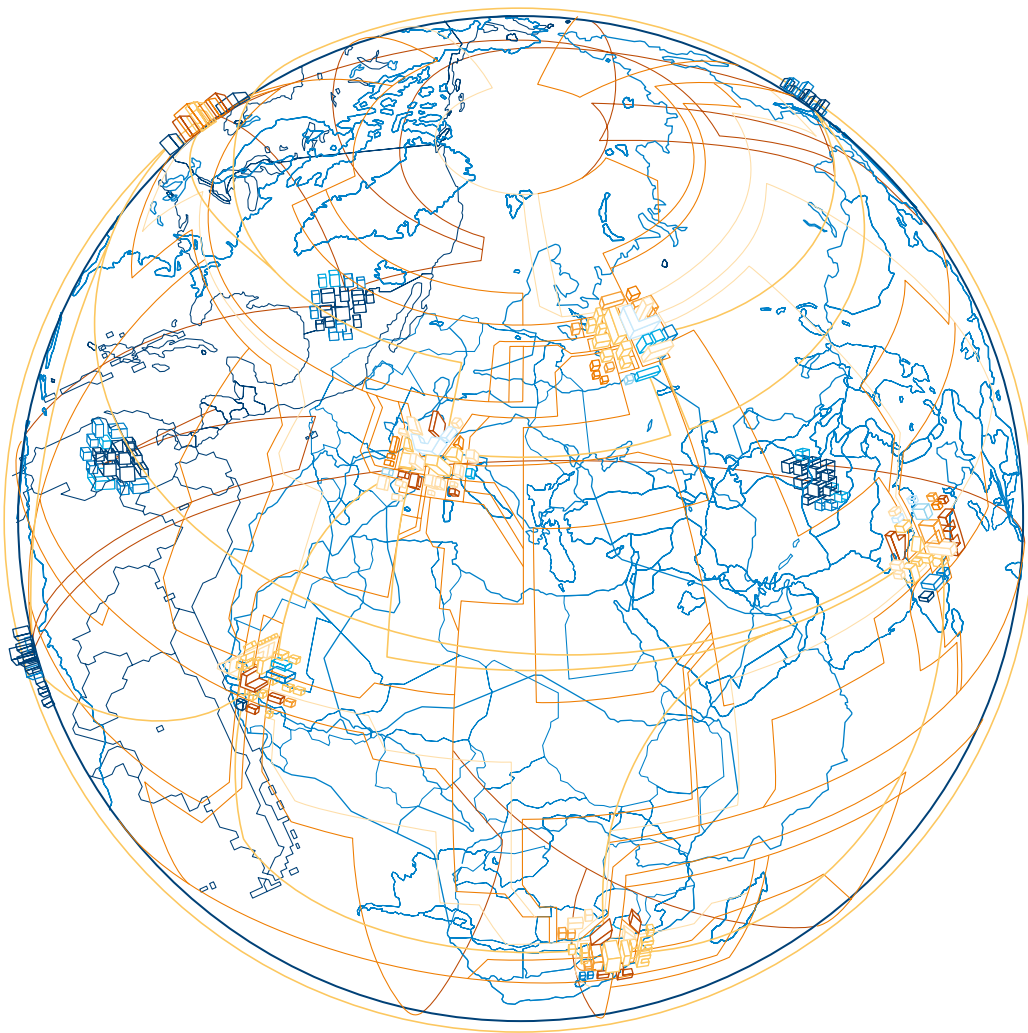
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

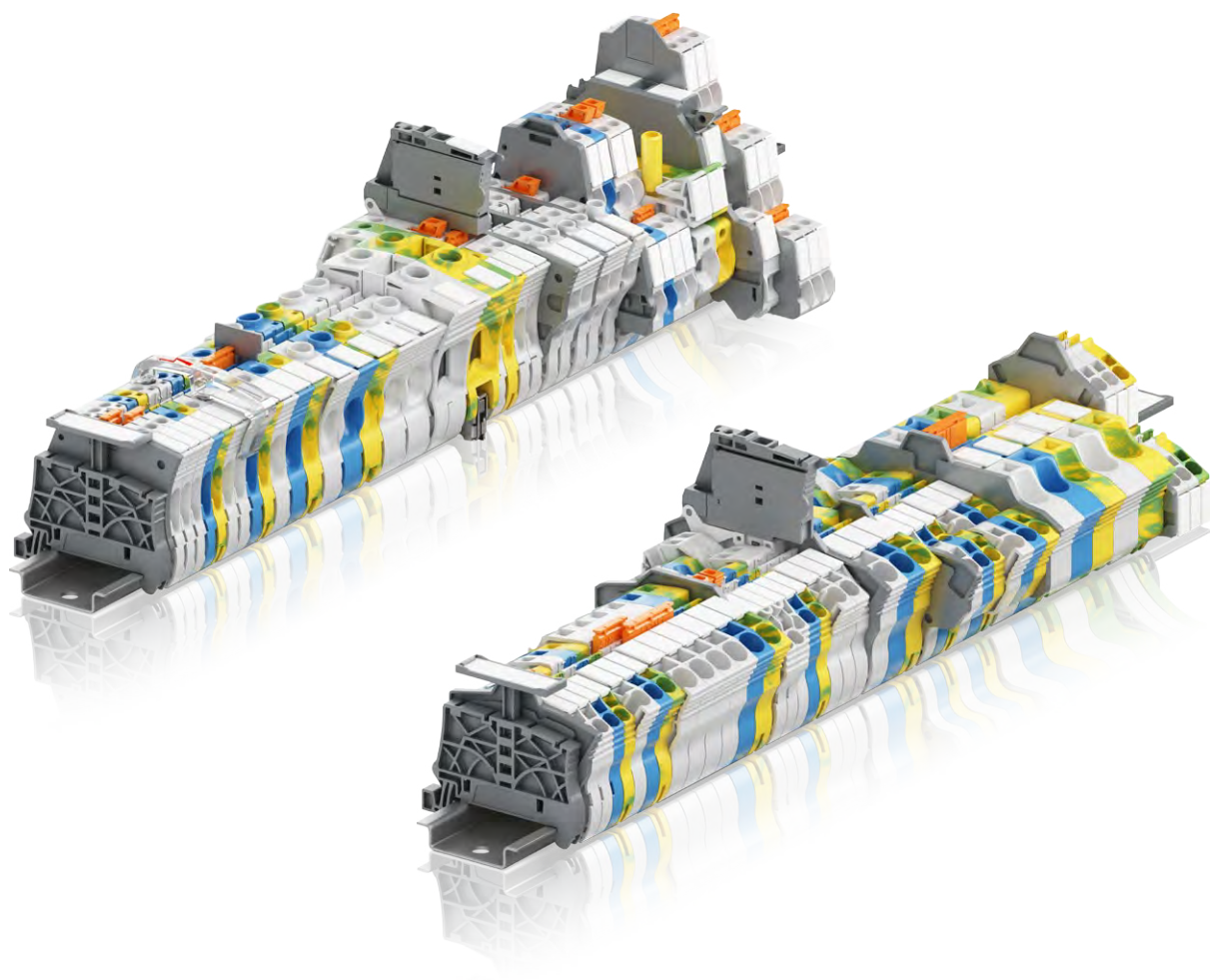
[illegible]

Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	Cable clamps	Fit on two C2.5-ZDP plugs and on TCS 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

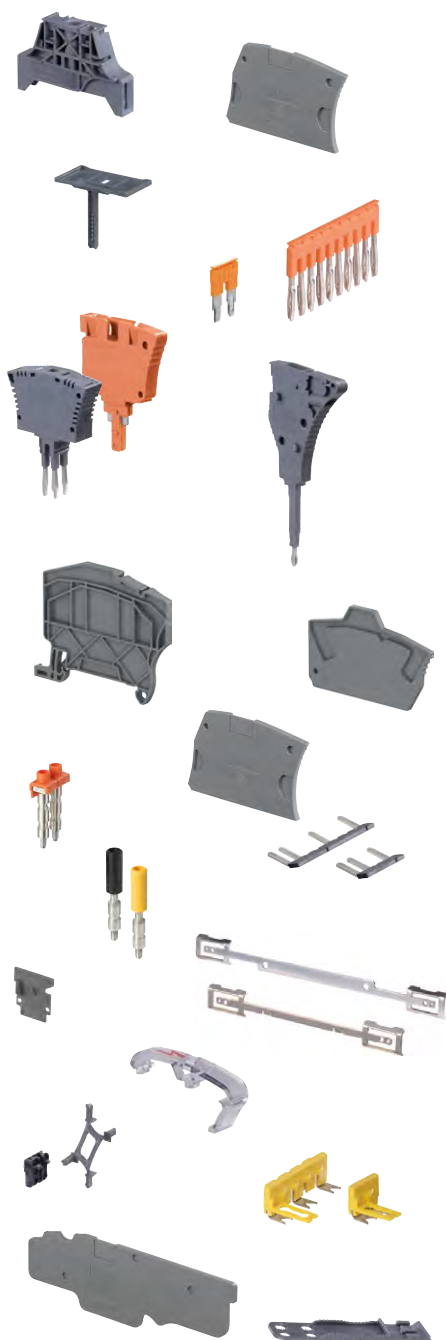
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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





SNK series, terminal block accessories



Common terminal block accessories

Mounting rail	PR	136
Screw end stops	BAM3, BAZH1	139
Screwless end stops	BAZ1	140
Label holders	LH-R1, LH	141
Screwless jumper bars	JB5	142
	JB6	143
	JB8	144
	JB10	145
	JB12	146
Cross spacing jumpers	JB85-3	147
Test adapters	TP2, TP4	148
Test connectors	TC5	149
Component plugs	PG5-R2	150
	PG5, PG5-R1	151
Screwdrivers	TO	152
Crimping tools	PS	153

PI-Spring terminal block accessories

End sections	EK	153
Circuit separators	CS-R2, CS-R3	155
Shield connectors	SHB, SHBP	156

Screw clamp terminal block accessories

End sections	ES	157
Screw jumper bars	JB8	159
	JB16, JB22	160
	JB26	161
Lateral jumper bars	PC8	162
Circuit separator	CS, CS-R1	163
Shield connectors	SHB	164
Protecting covers	PL	165
	CO, KCO	166
Short circuit bridges	SC-JB8	167
Test sockets	AJS9	168

Pluggable terminal block accessories

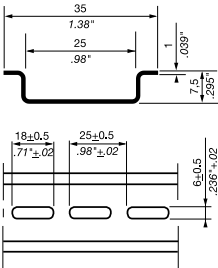
End sections	EDP	169
Coding pegs	COP	170
Locking devices	VR	170
Cable clamps	PT	170

PR mounting rail

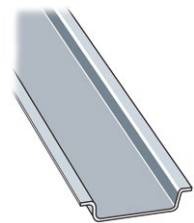
Common terminal block accessories



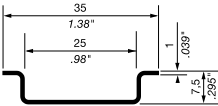
PR30



2000 mm 78 in spacing



PR3.Z2



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).

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				

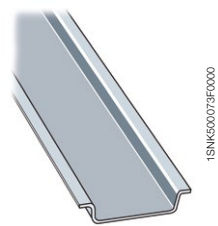
Mounting instructions

- 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).

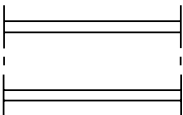
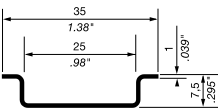
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

PR mounting rail

Common terminal block accessories



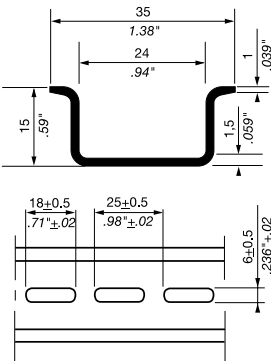
PR3.G2



2000 mm 78 in spacing



PR50



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).

Description

- Pre-punched 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				

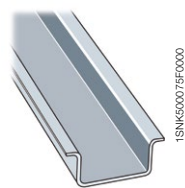
Mounting instructions

- 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.

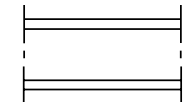
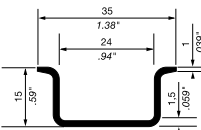
All the technical data for UL/CSA standard and dimensions in inches are in italic.

PR mounting rail

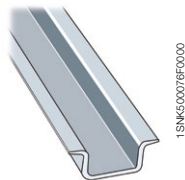
Common terminal block accessories



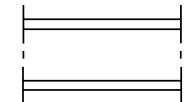
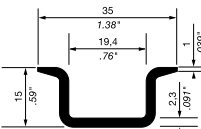
PR5



2000 mm 78 in spacing



PR4



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	9

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.

Description

- Symmetrical mounting rail complying with IEC60715,
- The rigidity of the rail is maximised by the 2.3 mm 0.091 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

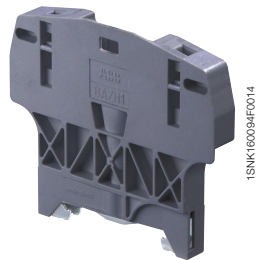
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
- in order to increase the accessibility 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 *italics*.

Technical drawing of a rear view of a car chassis. Dimensions are indicated as follows:

- Top width: 53.5 $\pm$ 2.10"
- Right side height: 43.7 $\pm$ 1.72"
- Right side height (lower section): 36.2 $\pm$ 1.42"
- Bottom width: 26.7 $\pm$ 1.05"

Mounting instructions

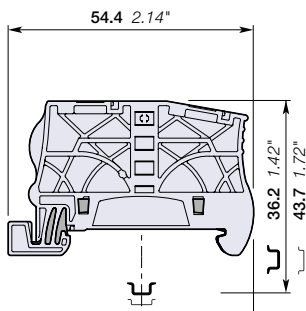


SNK1600Z6S0201 - Rev. B

Screwless end stops
Common terminal block 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

Mounting instructions

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

=====

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

[illegible]

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

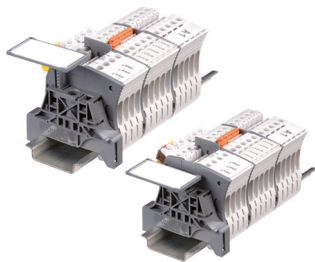
Label holders

Common terminal block accessories



LH-R1
19.5 mm 0.768 in spacing

Mounting instructions



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.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
19.5 mm 0.768 in width	Dark grey 	LH-R1	1SNK900607R0000	pce 50	(1 pce) g 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	Weight
Label For LH-R1 label holder	White 	MCLH-R1	1SNK900631R0000	pce 25	(1 pce) g 10.00
	Yellow 	MCLH-R1-YL	1SNK900634R0000	pce 25	(1 pce) g 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	Weight
10 mm 0.394 in width	Dark grey 	LH	1SNK900605R0000	pce 50	(1 pce) g 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	Weight
Label For LH label holder	White 	MCLH	1SNK900630R0000	pce 25	(1 pce) g 10.00
	Yellow 	MCLH-YL	1SNK900633R0000	pce 25	(1 pce) g 10.00

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

JB5 screwless jumper bars

Common terminal block accessories



1SNK160143P0014

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	Orange	JB5-2	1SNK905302R0000	50	1.30
		JB5-3	1SNK905303R0000	50	2.00
		JB5-4	1SNK905304R0000	50	2.70
		JB5-5	1SNK905305R0000	50	3.50
		JB5-10	1SNK905310R0000	30	7.10
		JB5-50	1SNK905350R0000	10	36.10

Main technical data

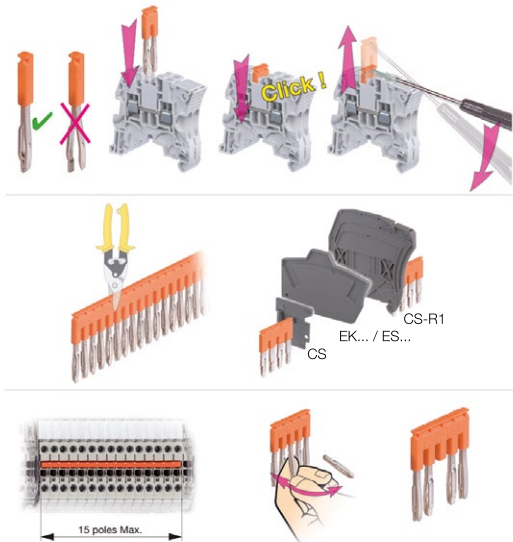
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F3	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	-23 ... +104 °F
		IEC	UL - CSA
Rated current		32 A	30 A
Rated voltage	Standard use	1000 V	600 V
	Cut extremities	800 V	300 V
	Cut poles	400 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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

Accessories

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

Mounting instructions



Additional accessories must be installed on the cut side of the jumper bar with cut extremities:

	Feed-through	Double-deck	Others
ZS	CS	ES...	CS-R1
ZK		EK...	

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

JB6 screwless jumper bars
Common terminal block accessories



Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking.

Description		Color	Type	Order code	Pkg	Weight
					pce	(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

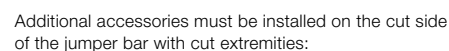
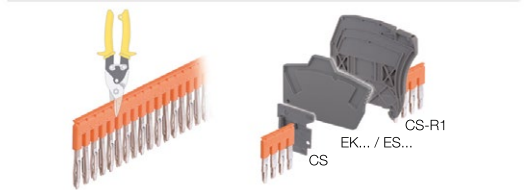
Material specifications	Insulating material Flammability NF F 16 101	Polyamide V0 I2F3		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	-23 ... +104 °F	
		IEC	UL - CSA	Ex e
Rated current		41 A	30 A	
Rated voltage	Standard use	1000 V	600 V	630 V
	Cut extremities	800 V	300 V	400 V
	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.

[illegible]

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

Additional accessories must be installed on the cut side of the jumper bar with cut extremities:



	Feed-through	Double-deck	Others
ZS	CS	ES...	CS-R1
ZK		EK...	

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

JB8 screwless jumper bars

Common terminal block accessories



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

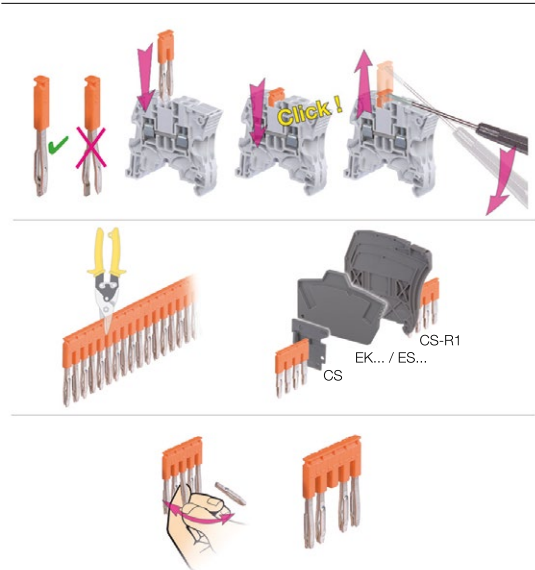
Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
Ambient temperature min/max	NF F 16 101	I2F3		
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	-23 ... +104 °F	
		IEC	UL - CSA	Ex e
Rated current		57 A	42 A	
Rated voltage	Standard use	1000 V	600 V	630 V
	Cut extremities	800 V	300 V	400 V
	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				

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



Additional accessories must be installed on the cut side of the jumper bar with cut extremities:

	Feed-through	Double-deck	Others
ZS	CS	ES...	CS-R1
ZK		EK...	

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

JB10 screwless jumper bars

Common terminal block 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

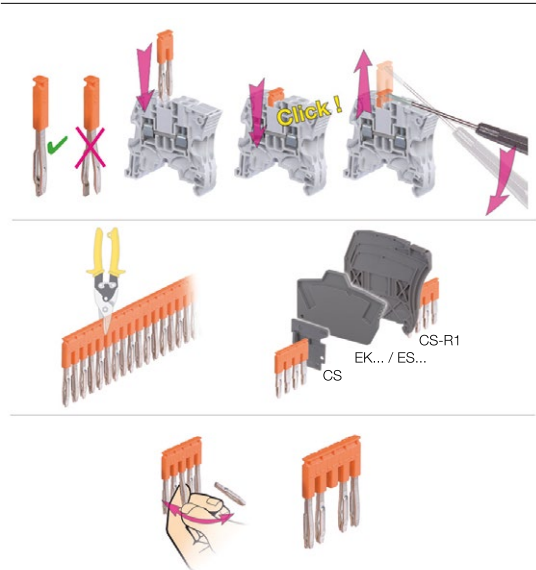
Main technical data

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	42 A	
Rated voltage	Standard use	1000 V	600 V	630 V
	Cut extremities	800 V	300 V	400 V
	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				

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



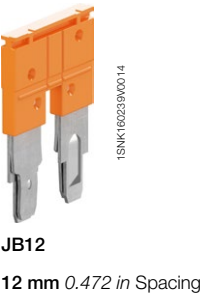
Additional accessories must be installed on the cut side of the jumper bar with cut extremities:

	Feed-through	Double-deck	Others
ZS	CS	ES...	CS-R1
ZK		EK...	

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

JB12 screwless jumper bars

Common terminal block accessories



Description

Facilitate & secure your jumper bar assembly process:

- Screwless mounting,
- Insulated,
- Positive locking.

Ordering Details

Description	Color	Type	Order Code	Pkg	Weight
12 mm 0.472 in spacing	Orange	JB12-2	1SNK912302R0000	50	4.86
2 poles		JB12-3	1SNK912303R0000	50	7.55
3 poles		JB12-5	1SNK912305R0000	20	12.93
5 poles					

Main Technical Data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F2		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F	
	Storage	-55 ... +110 °C	-67 ... +230 °F	
	Installing	-5 ... +40 °C	23 ... +104 °F	
		IEC	UL - CSA	Ex e
Rated current		76 A	67 A	
Rated voltage	Standard use	1000 V	600 V	630 V
	Cut extremities	800 V	300 V	400 V
	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				

Mounting instructions

Additional accessories must be installed on the cut side of the jumper bar with cut extremities:

	Feed-through	Double-deck	Others
ZS	CS	ES...	CS-R1
ZK		EK...	

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

Cross spacing jumpers

Common terminal block accessories



JB85-3
8 mm 0.315 in spacing

JB85-3 cross spacing jumpers

Description

Allows power distribution between terminal blocks with different spacing.
Standard JB5-3, JB6-3 and JB8-3 jumpers bar can be used as well as cross spacing jumpers (see selection table on mounting instructions below).

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Cross spacing jumpers 3 poles	Orange	JB85-3	1SNK900603R0000	10	2.80

Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	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	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			

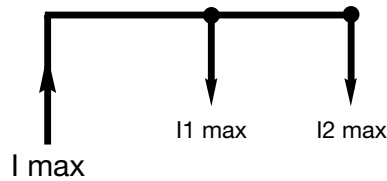
Mounting Instructions

Cross spacing jumper selection between A and B terminal blocks with different spacing.

A \ B	5.2 mm	6 mm	8 mm
6 mm	JB5.3	-	-
8 mm	JB85.3	JB85.3	-
10 mm	JB85.3	JB85.3	JB8.3
12 mm	JB85.3	JB6.3	-

Yellow cell: for ZS and ZK terminal blocks

Blue cell: for ZS terminal blocks only



$$I1 \text{ max} + I2 \text{ max} \leq I \text{ max}$$

$$\begin{matrix} I \text{ max} \\ I1 \text{ max} \\ I2 \text{ max} \end{matrix} \leq I \text{ rated Terminal Block}$$

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

Test adapters

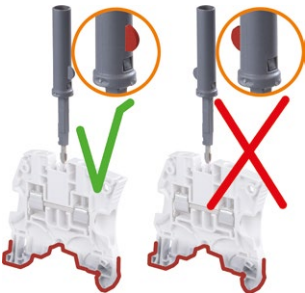
Common terminal block accessories



TP

7.6 mm 0.299 in spacing

Mounting instructions



TP2 test adapters

Description

- Insulated test adapter that enables individual voltage control,
- Direct plug-in solution into the jumpers channels,
- Compatible with standard isolated or non isolated test plugs DIA 2 mm 0.079 in and 2.3 mm 0.090 in,
- Withstand more than 10000 operations according to ABB test standards.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
For test plugs DIA 2 mm 0.079 in	Dark grey	TP2	1SNK900203R0000	pce 20	(1 pce) 9 1.73

Main technical data

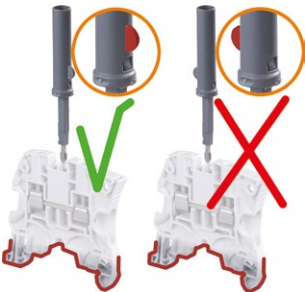
Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	-23 ... +104 °F		
		IEC	UL - CSA	Ex e	
Rated current		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 isolated 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	Weight
For test plugs DIA 4 mm 0.160 in	Dark grey	TP4	1SNK900205R0000	pce 20	(1 pce) 9 2.41

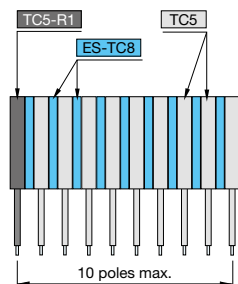
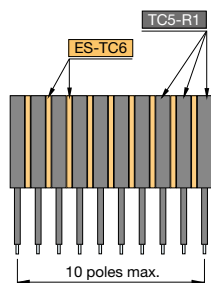
Main technical data

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		Standard use	1000 V	600 V	Not authorized		
Impulse withstand voltage			8000 V				
Protection			IP20	NEMA 1			
All the main technical data provided are "manufacturer" values.							
		RoHS					
		RoHS					

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



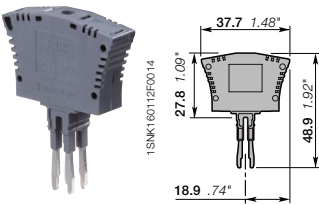
Diagram of a 10-pole max. TC5-R1 TC5. The diagram shows a cross-section of a multi-pole device. A central vertical pole is labeled 'TC5-R1'. To its right, a horizontal bar is labeled 'TC5'. Below the horizontal bar, there are ten vertical poles, each with a small circle at the top. A bracket at the bottom indicates '10 poles max.'.



ISNK160042S0201 - Rev. C

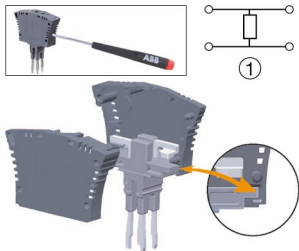
PG5-R2 component plugs

Common terminal block accessories



PG5-R2
9.95 mm 0.392 in spacing

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

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 dissipated 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			
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
Ambient temperature min/max	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				

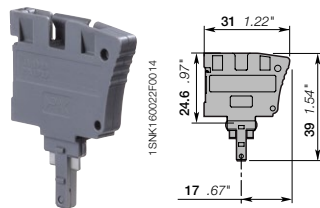
Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Blank card	White	MC512	1SNK140000R0000	22	9.00
		MC512PA	1SNK149999R0000	20	10.00
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 *italics*.

Component plugs

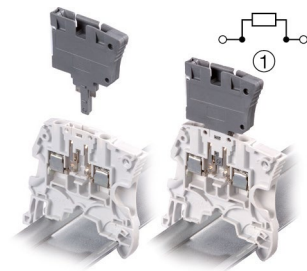
Common terminal block accessories



PG5

5.2 mm 0.205 in spacing

Mounting instructions



Direct plug-in in disconnect with plug terminal block

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 dissipative 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

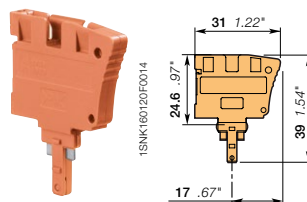
Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
Ambient temperature min/max	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	-23 ... +104 °F		
	IEC	UL - CSA			
Rated current	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



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			
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
Ambient temperature min/max	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

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

TO screwdrivers

PS crimping tools

Common terminal block accessories



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		12	21.60
screwdriver 4 x 100 mm 0.157 x 3.94 in		TO4-100	1SNK900641R0000		12	42.00
screwdriver 5.5 x 125 mm 0.216 x 4.92 in		TO5.5-125	1SNK900642R0000		12	75.50
screwdriver 6.5 x 150 mm 0.256 x 5.90 in		TO6.5-150	1SNK900643R0000		12	121.00
Insulated screwdriver 3.5 x 100 mm 0.138 x 3.94 in		TO3.5-100-INS	1SNK900644R0000		12	37.00



Description

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

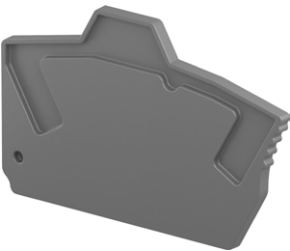
Ordering details

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 *italics*.

End sections

PI-Spring terminal block accessories



1SNK160233V0014

EK2.5

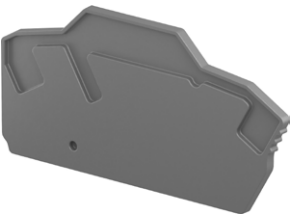
EK2.5 end sections

Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5, ZK2.5-PE, ZK4, ZK4-PE, ZK6 and ZK6-PE PI-Spring terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5	1SNK705910R0000	20	1.80



1SNK160234V0014

EK2.5-3P

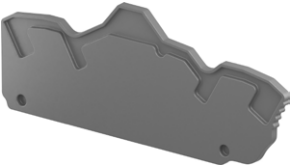
EK2.5-3P end sections

Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-3P, ZK2.5-PE-3P, ZK4-3P, ZK4-PE-3P, ZK2.5-S..., ZK2.5-SP and ZK2.5-SF... PI-Spring terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5-3P	1SNK705911R0000	20	2.40



1SNK160235V0014

EK2.5-4P

EK2.5-4P end sections

Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-4P, ZK2.5-PE-4P, ZK4-4P and ZK4-PE-4P PI-Spring terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2 mm 0.079 in spacing	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.70

Main technical data

Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	23 ... +104 °F		
All the main technical data provided are "manufacturer" values.					
	RoHS				
	RoHS				

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

Ordering details

EK2.5-D2

Ordering details

E6

Ordering details

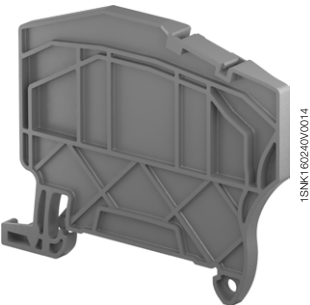
EK10

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

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

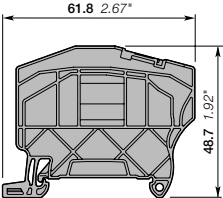
Circuit separators

PI-Spring terminal block accessories



1SNK16024V0014

CS-R2



3 mm 0.118 in spacing

CS-R2 circuit separators

Description

- Ease the visual identification of the several circuits within your terminal block assemblies,
- Compatible with PI-spring feed-through and ground terminal blocks up to 8 mm spacing,
- Mounting on DIN3-TH35 rail.

Ordering details

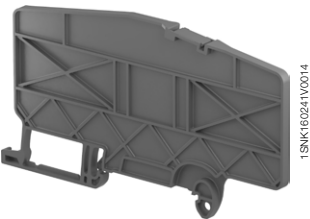
Description	Color	Type	Order code	Pkg	Weight
3 mm 0.118 in spacing	Dark grey	CS-R2	1SNK900106R0000	pce 20	(1 pce) g 3.80

Main technical data

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

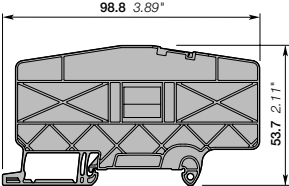
All the main technical data provided are "manufacturer" values.

	RoHS																		
	RoHS																		



1SNK16024V0014

CS-R3



3 mm 0.118 in spacing

CS-R3 circuit separators

Description

- Ease the visual identification of the several circuits within your terminal block assemblies,
- Compatible with all simple deck PI-spring terminal blocks,
- Mounting on DIN3-TH35 rail.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
3 mm 0.118 in spacing	Dark grey	CS-R3	1SNK900107R0000	pce 20	(1 pce) g 6.40

Main technical data

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

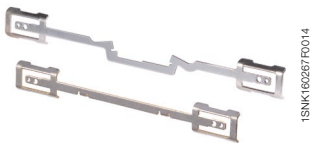
All the main technical data provided are "manufacturer" values.

	RoHS																		
	RoHS																		

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

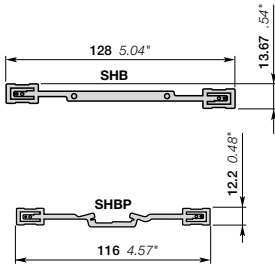
Shield connectors

PI-Spring terminal block accessories



SHBP/SHB

1SNK1600627R0014



SHBP/SHB shield connectors for PI-Spring terminal blocks

Description

- Ensure the continuity of your shield connection,
- Various connection solutions available: RILS cable ties, soldering, quick-connect.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Compatible with ZK2.5 and ZK2.5-S terminal blocks		SHBP	1SNK900601R0000	20	4.10
Compatible with ZK double deck terminal blocks		SHB	1SNK900602R0000	20	4.90

Main technical data

Material specifications	Insulating material				
	Flammability				
	NF F 16 101				
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	-23 ... +104 °F		
SHBP	IEC	UL - CSA	Ex e		
Rated voltage	100 V		50 V		
All the main technical data provided are "manufacturer" values.					
	RoHS				
	RoHS				

Accessories for screw clamp and PI-Spring 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.

End sections

Screw clamp terminal block accessories



ES4

1SNK161019F0014

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	2.20



ES6-3S

1SNK160229V0014

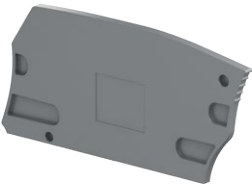
ES6-3S end sections

Description

Compatible with ZS6-3S and ZS6-3S-PE terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	ES6-3S	1SNK505912R0000	20	2.50



ES6-4S

1SNK160230V0014

ES6-4S end sections

Description

Compatible with ZS6-4S, ZS6-4S-PE, ZS6-S-4S-T2 and ZS4-PE-R2 terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.2 mm 0.087 in spacing	Dark grey	ES6-4S	1SNK505911R0000	20	3.10



ES4-D2

1SNK161012F0014

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			
Ambient temperature min/max	NF F 16 101	I2F2			
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	23 ... +104 °F		

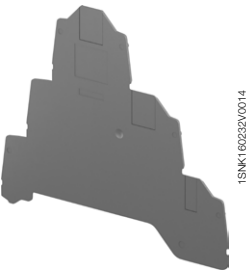
All the main technical data provided are "manufacturer" values.

	RoHS																		
	RoHS																		

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

End sections

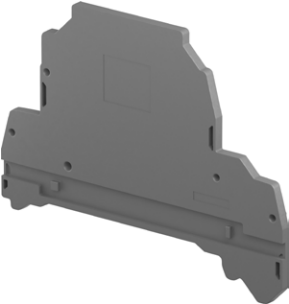
Screw clamp terminal block accessories



ES4-T3



ES4-SF



ES4-D2-SF1



ES10-ST

ES4-T3 end sections

Description

Compatible with ZS4-T3 terminal block.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
0.8 mm 0.031 in spacing	Dark grey	ES4-T3	1SNK505961R0000	20	4.20

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	1.80

ES4-D2-SF1 end sections

Description

Compatible with ZS4-D2-SF1... terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
2.5 mm 0.098 in spacing	Dark grey	ES4-D2-SF1	1SNK508911R0000	20	5.00

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	3.50

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

Main technical data

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

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

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

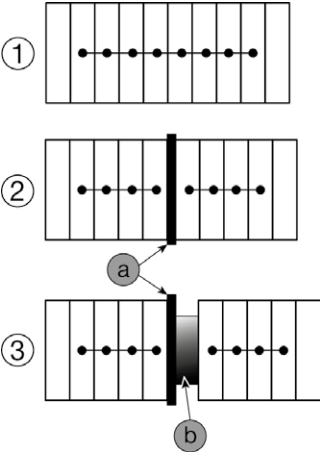
JB8 screw jumper bars

Screw clamp terminal block 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	
Ambient temperature min/max	NF F 16 101	I2F3	
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	23 ... +104 °F

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

		IEC	UL - CSA	Ex e
Rated current		50 A	51 A	
Rated voltage	Standard use	160 V		
	Alternated poles			
Impulse withstand voltage				Not authorized
Protection		IP20	NEMA 1	
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.

Screw jumper bars

Screw clamp terminal block 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.



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.

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	
Ambient temperature min/max	NF F 16 101	I2F3	
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	-23 ... +104 °F

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

	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			

JB22 jumper bars

Description
Screw jumper bars.

Ordering details

Description		Color	Type	Order code		Pkg	Weight
						pce	(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		
Ambient temperature min/max	NF F 16 101		
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F
	Storage	-55 ... +110 °C	-67 ... +230 °F
	Installing	-5 ... +40 °C	-23 ... +104 °F

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

	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 1	
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.

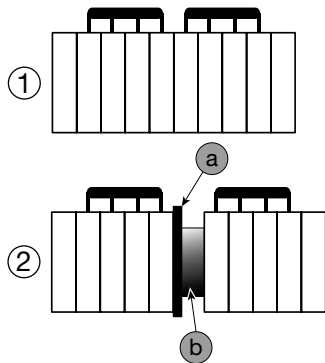
ISNK160 100F0014

26 mm 1.024 in spacing

- $$\begin{array}{c} \vdots \\ \text{RoHS} \\ \text{RoHS} \end{array}$$

1SNC160112F0014

Mounting instructions for ZS10-ST...



- 5

IP20 comb jumper bars:

- ## 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		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		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

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.

[illegible]

Circuit separators

Screw clamp terminal block accessories



CS
0 mm 0 in spacing

Mounting instructions



CS circuit separators

Description

- The CS circuit separator avoids the derating of terminal blocks when cut jumper bars JB are used,
- Compatible with feed-through terminal blocks up to 16 mm² 4 AWG,
- Without spacing loss.

Ordering details

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

Main technical data

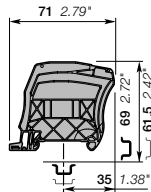
Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101	I2F2			
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	-23 ... +104 °F		

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

	RoHS																		
	RoHS																		



CS-R1



3 mm 0.118 in spacing

Mounting instructions



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	Weight
3 mm 0.118 in spacing	Dark grey	CS-R1	1SNK900103R0000	pce (1 pce)	g 5.20

Main technical data

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

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

	RoHS																		
	RoHS																		

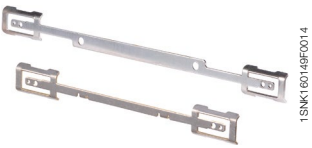
Accessories

Description	Color	Type	Order code	Pkg	Weight
Blank card				pce (1 pce)	g
In polycarbonate	White	MC512	1SNK140000R0000	22	9.00
In polyamide		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	Grey	UMH	1SNK900611R0000	10	0.20

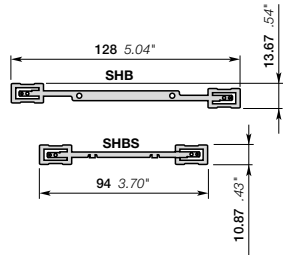
All the technical data for UL/CSA standard and dimensions in inches are in italic.

Shield connectors

Screw clamp terminal block accessories



SHBS/SHB



SHBS/SHB shield connectors

Description

- Ensure the continuity of your shield connection,
- Various connection solutions available: RILS cable ties, soldering, quick-connect.

Ordering details

Description	Color	Type	Order code	Pkg	Weight
Compatible with ZS feed-through terminal blocks		SHBS	1SNK900600R0000	20 pce	3.50 (1 pce) g
Compatible with ZS double deck terminal blocks		SHB	1SNK900602R0000	20	4.90

Main technical data

Material specifications	Insulating material				
	Flammability				
	NF F 16 101				
	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
Ambient temperature min/max	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	-23 ... +104 °F		
SHBS	IEC	UL - CSA	Ex e		
Rated voltage	320 V		125 V		
All the main technical data provided are "manufacturer" values.					
	RoHS				
	RoHS				

Accessories for screw clamp and PI-Spring screwless terminal blocks

Description	Color	Type	Order code	Pkg	Weight
Cable ties	For SNK shield connector	RILS	1SNK900627R0000	10 pce	0.30 (1 pce) g

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.

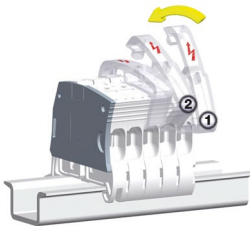
PL protecting covers

Screw clamp terminal block accessories



PL

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.

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

Main technical data

Material specifications	Insulating material	Polyamide	
	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

Mounting instructions

Rail		
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.

Protecting covers

Screw clamp terminal block accessories



CO

1SNK160110P0014

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	Weight
1 m 39.4 in length	Transparent ☒	CO	1SNK900604R0000	pce 1	(1 pce) 9 300.00

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

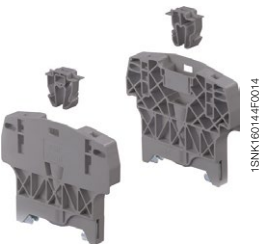
Description	Color	Type	Order code	Pkg	Weight
Protecting cover kits				pce	(1 pce) 9
Mounting kit for cover CO	Dark grey ☒	KCO	1SNK900624R0000	1	47.80
Label	White ☐	PAM43020	1SNA235106R2600	20	27.80

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

1SNK160144F0014

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	Weight
Mounting kit for cover CO	Dark grey ☒	KCO	1SNK900624R0000	pce 1	(1 pce) 9 47.80

Main technical data

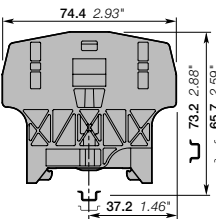
Material specifications	Insulating material	Polyamide			
	Flammability	V0			
	NF F 16 101				
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	-67 ... +230 °F		
	Storage	-55 ... +110 °C	-67 ... +230 °F		
	Installing	-5 ... +40 °C	23 ... +104 °F		

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 4 mm Ø 0.157 in
Torque		



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

1SNK160221F0014

Description

- ## Ordering details

5

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		

[illegible]

6.4 mm 0.252 in spacing

1SNC160114F0014

Description

- ## Ordering details

Main technical data

Mounting instructions

Rail		
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.4 - 0.6 N.m 3.5 - 5.3 lb.in

[illegible]

RoHS
RoHS

End sections

Pluggable terminal block accessories



EDP2.5-22

1SNK162008FD014

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 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



EDP2.5-D2

1SNK162008FD014

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 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.

Coding pegs - Locking devices - Cable clamps
Pluggable terminal block accessories



Mounting instructions



10.4 mm 0.410 in spacing

Mounting instructions



10.4 mm 0.410 in spacing

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.

[illegible]

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.

[illegible]

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

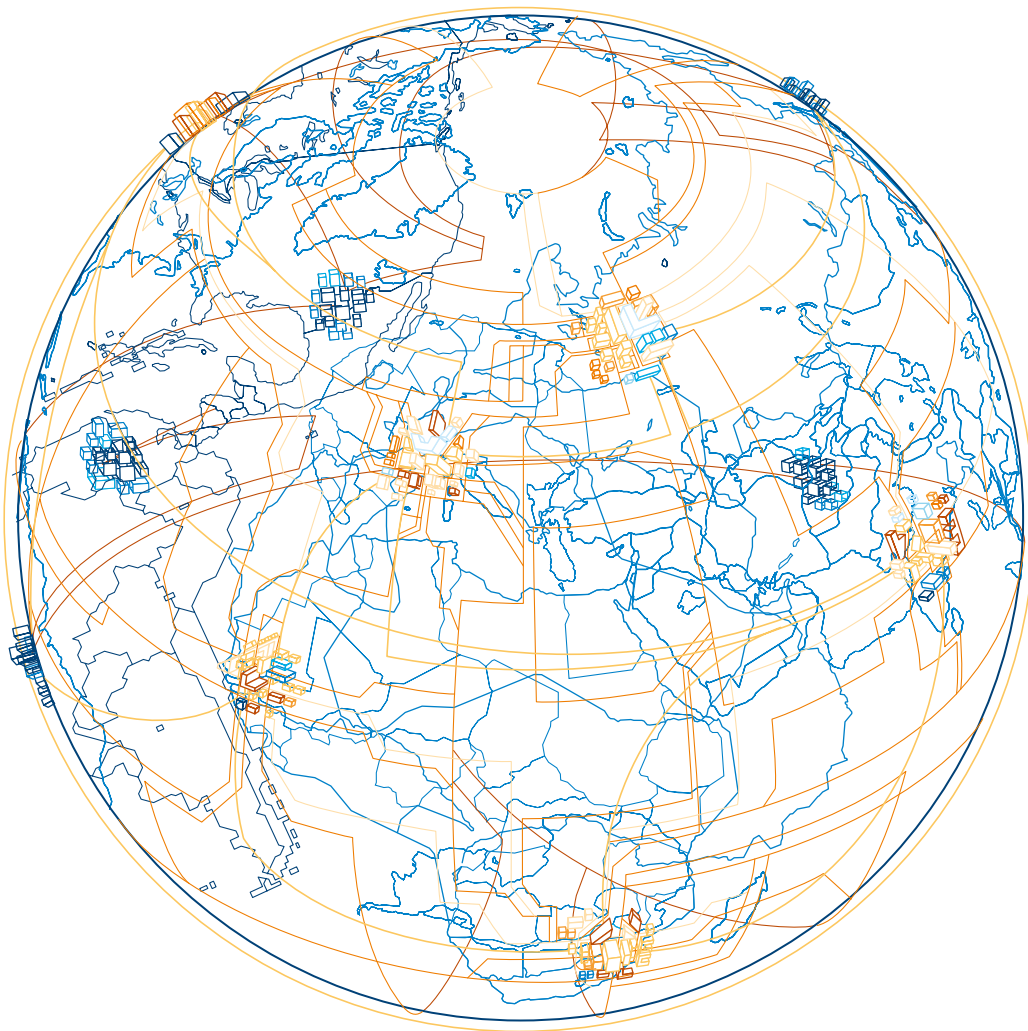
Main technical data

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.

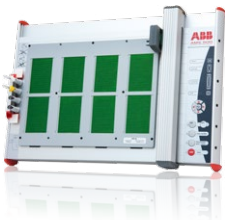
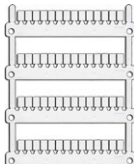
[illegible]

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





SNK series, marking solutions



Terminal block markers

5.2 mm 0.205 in spacing

MC512, MG-CPM-13	Blank card in polycarbonate	174
MC512PA	Blank card in polyamide	175
	Pre-printed marker card for horizontal terminal block assembly	176
	Pre-printed marker card for vertical terminal block assembly	178

6 mm 0.236 in spacing

MC612, MG-CPM-13	Blank card in polycarbonate	180
MC612PA	Blank card in polyamide	181
	Pre-printed marker card for horizontal terminal block assembly	182
	Pre-printed marker card for vertical terminal block assembly	184

8 mm 0.315 in spacing

MC812, MC812PA	Blank card	186
MC812PA	Pre-printed marker card for horizontal terminal block assembly	187
	Pre-printed marker card for vertical terminal block assembly	189

Markers

UMH	Universal wire markers holder	191
MG2-TDMO	Clip-on blank wire marker	191
MCLH	Label	192

Marking systems

HTP500	Thermal transfer printer	193
MG3	Thermal transfer printer	194
AMS	Plotter	195

Terminal block markers

Blank card in polycarbonate - 5.2 mm 0.205 in spacing



MC512



HTP500-V2 KIT

MC512 terminal block markers

Description

- MC512 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
						mm	inches
Polycarbonate	V0	Horizontal	3	Vertical	8	4.8 x 12	0.189 x 0.472

Ordering details

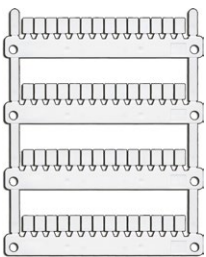
Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce) g
Blank card	45	White ☐	MC512	1SNK140000R0000	22	9.00
		Yellow ☒	MC512-YL	1SNK140004R0000	22	9.00

Marking systems

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Thermal transfer printer	HTP500-V2 KIT	1SNA235700R1500	1	16000.00

Marking systems accessories

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600	1	291.00



MG-CPM-13



MG3 KIT

MG-CPM-13 terminal block markers

Description

- MG-CPM-13 41790 and 41740 markers are used for marking 5.2 mm 0.205 in spacing SNK terminal blocks,
- Provide an elevate mechanical robustness, high dimensional stability and are halogen free,
- Single application on terminal block,
- 35 cards per packing

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
						mm	inches
Polycarbonate	V2	Horizontal	3	Vertical	8	4.8 x 12	0.196 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg marker	Weight (1 pce) g
Blank card	56	White ☐	MG-CPM-13 41790	1SNB041790R0512	1960	0.232
		Yellow ☒	MG-CPM 13 41740	1SNB041740R0512	1960	0.232

Marking systems

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Thermal transfer printer	MG3 KIT	1SNB419001R0000	1	12600.00

Marking systems accessories

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Support plate for MG-CPM-13	MG2-ETB 991016	1SNB991016R0000	1	100.00

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

1SNK160003S0201 - Rev. A

Terminal block markers

Blank card in polyamide - 5.2 mm 0.205 in spacing



MC512PA



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).

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
						mm	inches
Polyamide	V2	Horizontal	3	Vertical	8	4.8 x 12	0.189 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg	Weight
Blank card	100	White ☐	MC512PA	1SNK149999R0000	card (1 pce)	9 10.00

Marking systems

Description	Type	Order code	Pkg	Weight
AMS plotter	KIT MAO AMS 500	1SNA360000R2400	pce (1 pce)	9 12600.00

Marking systems accessories

Description	Type	Order code	Pkg	Weight
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	pce (1 pce)	9 300.00

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

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	4.8 x 12	0.189 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	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.

1SNK16000450201 - Rev. A

MC512PA terminal block markers

Pre-printed marker card for horizontal terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce) g
← Continuation of previous page						
Z (x100)	100	White	MC512PA	1SNK146261R0000	1	10.00
0 (x100)	100	White	MC512PA	1SNK147001R0000	1	10.00
1 (x100)	100	White	MC512PA	1SNK147011R0000	1	10.00
2 (x100)	100	White	MC512PA	1SNK147021R0000	1	10.00
3 (x100)	100	White	MC512PA	1SNK147031R0000	1	10.00
4 (x100)	100	White	MC512PA	1SNK147041R0000	1	10.00
5 (x100)	100	White	MC512PA	1SNK147051R0000	1	10.00
6 (x100)	100	White	MC512PA	1SNK147061R0000	1	10.00
7 (x100)	100	White	MC512PA	1SNK147071R0000	1	10.00
8 (x100)	100	White	MC512PA	1SNK147081R0000	1	10.00
9 (x100)	100	White	MC512PA	1SNK147091R0000	1	10.00
+ (x100)	100	White	MC512PA	1SNK148001R0000	1	10.00
- (x100)	100	White	MC512PA	1SNK148011R0000	1	10.00
~ (x100)	100	White	MC512PA	1SNK148021R0000	1	10.00
= (x100)	100	White	MC512PA	1SNK148031R0000	1	10.00
± (x100)	100	White	MC512PA	1SNK148041R0000	1	10.00
L1 (x100)	100	White	MC512PA	1SNK148051R0000	1	10.00
L2 (x100)	100	White	MC512PA	1SNK148061R0000	1	10.00
L3 (x100)	100	White	MC512PA	1SNK148071R0000	1	10.00
PE (x100)	100	White	MC512PA	1SNK148091R0000	1	10.00
U1 (x100)	100	White	MC512PA	1SNK148101R0000	1	10.00
U2 (x100)	100	White	MC512PA	1SNK148111R0000	1	10.00
U3 (x100)	100	White	MC512PA	1SNK148121R0000	1	10.00
V1 (x100)	100	White	MC512PA	1SNK148131R0000	1	10.00
V2 (x100)	100	White	MC512PA	1SNK148141R0000	1	10.00
V3 (x100)	100	White	MC512PA	1SNK148151R0000	1	10.00
W1 (x100)	100	White	MC512PA	1SNK148161R0000	1	10.00
W2 (x100)	100	White	MC512PA	1SNK148171R0000	1	10.00
W3 (x100)	100	White	MC512PA	1SNK148181R0000	1	10.00
L1-L2-L3-N-PE (x20)	100	White	MC512PA	1SNK149001R0000	1	10.00
U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10)	100	White	MC512PA	1SNK149011R0000	1	10.00

MC512PA terminal block markers

Pre-printed marker card for vertical terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	4.8 x 12	0.189 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (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

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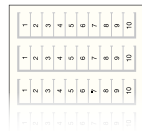
All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC512PA terminal block markers

Pre-printed marker card for vertical terminal block assembly



MC512PA



5.2 mm 0.205 in spacing

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce) g
← Continuation of previous page						
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

Terminal block markers

Blank card in polycarbonate - 6 mm 0.236 in spacing



MC612



HTP500-V2 KIT

MC612 terminal block markers

Description

- MC612 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		Horizontal	3	Vertical	8	mm	inches
Polycarbonate	V0					5.6 x 12	0.220 x 0.472

Ordering details

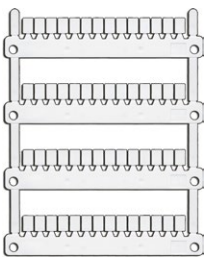
Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce) g
Blank card	39	White ☐	MC612	1SNK150000R0000	22	10.00
		Yellow ☒	MC612-YL	1SNK150004R0000	22	10.00

Marking systems

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Thermal transfer printer	HTP500-V2 KIT	1SNA235700R1500	1	16000.00

Marking systems accessories

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600	1	291.00



MG-CPM-13



MG3 KIT

MG-CPM-13 terminal block markers

Description

- MG-CPM-13 41791 and 41741 markers are used for marking 6 mm 0.236 in spacing SNK terminal blocks,
- Provide an elevate mechanical robustness, high dimensional stability and are halogen free,
- Single application on terminal block,
- 35 cards per packing.

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
		Horizontal	3	Vertical	8	mm	inches
Polycarbonate	V0					5.6 x 12	0.236 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg marker	Weight (1 pce) g
Blank card	48	White ☐	MG-CPM-13 41791	1SNB041791R0612	1680	0.273
		Yellow ☒	MG-CPM 13 41741	1SNB041741R0612	1680	0.273

Marking systems

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Thermal transfer printer	MG3 KIT	1SNB419001R0000	1	12600.00

Marking systems accessories

Description	Type	Order code	Pkg pce	Weight (1 pce) g
Support plate for MG-CPM-13	MG2-ETB 991016	1SNB991016R0000	1	100.00

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

1SNK160006S0201 - Rev. A

Terminal block markers

Blank card in polyamide - 6 mm 0.236 in spacing



MC612



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).

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

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg	Weight
Blank card	100	White ☐	MC612PA	1SNK159999R0000	card 20	(1 pce) g 11.00

Marking systems

Description	Type	Order code	Pkg	Weight
AMS plotter	KIT MAO AMS 500	1SNA360000R2400	pce 1	(1 pce) g 12600.00

Marking systems accessories

Description	Type	Order code	Pkg	Weight
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	pce 1	(1 pce) g 300.00

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

MC612PA terminal block markers

Pre-printed marker card for horizontal terminal block assembly



MC612PA



6 mm 0.236 in spacing

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	5.6 x 12	0.220 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	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 →

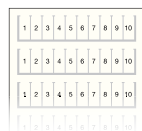
All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC612PA terminal block markers

Pre-printed marker card for horizontal terminal block assembly



MC612PA



6 mm 0.236 in spacing

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce) g
← Continuation of previous page						
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

MC612PA terminal block markers

Pre-printed marker card for vertical terminal block assembly



MC612PA



6 mm 0.236 in spacing

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	5.6 x 12	0.220 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	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

Continue on next page →

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

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pcs) g
← Continuation of previous page						
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

MC812 terminal block markers

Blank card in polycarbonate or polyamide - 8 mm 0.315 in spacing



MC812



HTP500-V2 KIT

MC812 terminal block markers

Description

- MC812 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in)

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
						mm	inches
Polycarbonate	V0	Horizontal	4	Vertical	8	7.6 x 12	0.299 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg	Weight
Blank card	30	White ☐	MC812	1SNK160000R0000	22 card	10.00 (1 pce) g
		Yellow ☐	MC812-YL	1SNK160004R0000	22	10.00

Marking systems

Description	Type	Order code	Pkg	Weight
Thermal transfer printer	HTP500-V2 KIT	1SNA235700R1500	1 pce	16000.00 (1 pce) g

Marking systems accessories

Description	Type	Order code	Pkg	Weight
Marking support plate for MC and RCTT marker cards (HTP500)	HTP500-PL2	1SNA235705R0600	1 pce	291.00 (1 pce) g

6



MC812PA



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)

Main technical data

Material	Flammability	Maximum printed digits				Dimensions	
						mm	inches
Polyamide	V2	Horizontal	3	Vertical	8	7.6 x 12	0.299 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg	Weight
Blank card	100	White ☐	MC812PA	1SNK169999R0000	20 card	14.00 (1 pce) g

Marking systems

Description	Type	Order code	Pkg	Weight
AMS plotter	KIT MAO AMS 500	1SNA360000R2400	1 pce	12600.00 (1 pce) g

Marking systems accessories

Description	Type	Order code	Pkg	Weight
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 pce	300.00 (1 pce) g

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

MC812PA terminal block markers

Pre-printed marker card for horizontal terminal block assembly



MC812PA



8 mm 0.315 in spacing

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	7.6 x 12	0.299 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	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

Continue on next page →

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

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce)
← Continuation of previous page						
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.

MC812PA terminal block markers

Pre-printed marker card for vertical terminal block assembly



MC812PA



8 mm 0.315 in spacing

Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

Main technical data

Material	Flammability	Dimensions	
		mm	inches
Polyamide	V2	7.6 x 12	0.299 x 0.472

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 pce) g
0->9 (x10)	100	White ☐	MC812PA	1SNK160092R0000	1	14.00
1->10 (x10)	100	White ☐	MC812PA	1SNK160012R0000	1	14.00
11->20 (x10)	100	White ☐	MC812PA	1SNK160022R0000	1	14.00
21->30 (x10)	100	White ☐	MC812PA	1SNK160032R0000	1	14.00
31->40 (x10)	100	White ☐	MC812PA	1SNK160042R0000	1	14.00
41->50 (x10)	100	White ☐	MC812PA	1SNK160052R0000	1	14.00
51->60 (x10)	100	White ☐	MC812PA	1SNK160062R0000	1	14.00
61->70 (x10)	100	White ☐	MC812PA	1SNK160072R0000	1	14.00
71->80 (x10)	100	White ☐	MC812PA	1SNK160082R0000	1	14.00
81->90 (x10)	100	White ☐	MC812PA	1SNK160084R0000	1	14.00
91->100 (x10)	100	White ☐	MC812PA	1SNK160102R0000	1	14.00
101->110 (x10)	100	White ☐	MC812PA	1SNK160112R0000	1	14.00
111->120 (x10)	100	White ☐	MC812PA	1SNK160122R0000	1	14.00
121->130 (x10)	100	White ☐	MC812PA	1SNK160132R0000	1	14.00
131->140 (x10)	100	White ☐	MC812PA	1SNK160142R0000	1	14.00
141->150 (x10)	100	White ☐	MC812PA	1SNK160152R0000	1	14.00
151->160 (x10)	100	White ☐	MC812PA	1SNK160162R0000	1	14.00
161->170 (x10)	100	White ☐	MC812PA	1SNK160172R0000	1	14.00
171->180 (x10)	100	White ☐	MC812PA	1SNK160182R0000	1	14.00
181->190 (x10)	100	White ☐	MC812PA	1SNK160192R0000	1	14.00
191->200 (x10)	100	White ☐	MC812PA	1SNK160202R0000	1	14.00
1->100	100	White ☐	MC812PA	1SNK165012R0000	1	14.00
101->200	100	White ☐	MC812PA	1SNK165022R0000	1	14.00
201->300	100	White ☐	MC812PA	1SNK165032R0000	1	14.00
301->400	100	White ☐	MC812PA	1SNK165042R0000	1	14.00
401->500	100	White ☐	MC812PA	1SNK165052R0000	1	14.00
501->600	100	White ☐	MC812PA	1SNK165062R0000	1	14.00
601->700	100	White ☐	MC812PA	1SNK165072R0000	1	14.00
701->800	100	White ☐	MC812PA	1SNK165082R0000	1	14.00
801->900	100	White ☐	MC812PA	1SNK165092R0000	1	14.00
901->1000	100	White ☐	MC812PA	1SNK165102R0000	1	14.00
A (x100)	100	White ☐	MC812PA	1SNK166012R0000	1	14.00
B (x100)	100	White ☐	MC812PA	1SNK166022R0000	1	14.00
C (x100)	100	White ☐	MC812PA	1SNK166032R0000	1	14.00
D (x100)	100	White ☐	MC812PA	1SNK166042R0000	1	14.00
E (x100)	100	White ☐	MC812PA	1SNK166052R0000	1	14.00
F (x100)	100	White ☐	MC812PA	1SNK166062R0000	1	14.00
G (x100)	100	White ☐	MC812PA	1SNK166072R0000	1	14.00
H (x100)	100	White ☐	MC812PA	1SNK166082R0000	1	14.00
I (x100)	100	White ☐	MC812PA	1SNK166092R0000	1	14.00
J (x100)	100	White ☐	MC812PA	1SNK166102R0000	1	14.00
K (x100)	100	White ☐	MC812PA	1SNK166112R0000	1	14.00
L (x100)	100	White ☐	MC812PA	1SNK166122R0000	1	14.00
M (x100)	100	White ☐	MC812PA	1SNK166132R0000	1	14.00
N (x100)	100	White ☐	MC812PA	1SNK166142R0000	1	14.00
O (x100)	100	White ☐	MC812PA	1SNK166152R0000	1	14.00
P (x100)	100	White ☐	MC812PA	1SNK166162R0000	1	14.00
Q (x100)	100	White ☐	MC812PA	1SNK166172R0000	1	14.00
R (x100)	100	White ☐	MC812PA	1SNK166182R0000	1	14.00
S (x100)	100	White ☐	MC812PA	1SNK166192R0000	1	14.00
T (x100)	100	White ☐	MC812PA	1SNK166202R0000	1	14.00
U (x100)	100	White ☐	MC812PA	1SNK166212R0000	1	14.00
V (x100)	100	White ☐	MC812PA	1SNK166222R0000	1	14.00

Continue on next page →

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

MC812PA terminal block markers

Pre-printed marker card for vertical terminal block assembly



MC812PA



8 mm 0.315 in spacing

Ordering details

Description	Number of markers per card	Color	Type	Order code	Pkg card	Weight (1 poe)
← Continuation of previous page						
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 *italics*.

UMH universal wire markers holder

MG2-TDMO clip-on blank wire marker

Markers and marking systems



5.2 mm 0.205 in spacing

Mounting instructions



Install the UMH on the terminal blocks (strip mounting) and slide on the wire markers.

UMH universal wire markers holder

Description

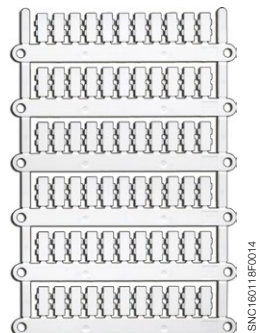
- Compatible with MG2 - TDMO wire markers and most of the wire markers available on the market (wire markers not supplied with UMH);
- Quickly put it on any SNK terminal blocks and accessories: strip mounting of 10 parts for 5.2 mm 0.205 in spacing, unitary mounting for other spacings.

Ordering details

Description	Color	Type	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	



MG2-TDMO

MG2-TDMO clip-on blank wire marker

Description

- Rigid Polycarbonate marker to be directly printed and snapped on the wire or the UMH wire marker holder,
- Print with support plate MG2-PTM.

Main technical data

Material	Flammability	Temperature range
PC	V0	-40°C ... +140°C, - 22°F ... +176°F

Ordering details

Dimensions mm in		Number of markers per card	Color	Type	Order code	SW code	Pkg pce	Weight (1 pce) g
MG2-TDMO-01								
4 x 12	0.157 x 0.472	40	White ☐	MG2-TDMO-01 40390	1SNB040390R0412	125	880	0.30
4 x 16	0.157 x 0.630	40	White ☐	MG2-TDMO-01 40391	1SNB040391R0416	128	880	0.30
4 x 12	0.157 x 0.472	40	Yellow ☐	MG2-TDMO-01 40340	1SNB040340R0412	125	880	0.30
4 x 16	0.157 x 0.630	40	Yellow ☐	MG2-TDMO-01 40341	1SNB040341R0416	128	880	0.30
MG2-TDMO-02								
4 x 12	0.157 x 0.472	40	White ☐	MG2-TDMO-02 40490	1SNB040490R0412	126	640	0.40
4 x 16	0.157 x 0.630	40	White ☐	MG2-TDMO-02 40491	1SNB040491R0416	129	640	0.40
4 x 12	0.157 x 0.472	40	Yellow ☐	MG2-TDMO-02 40440	1SNB040440R0412	126	640	0.40
4 x 16	0.157 x 0.630	40	Yellow ☐	MG2-TDMO-02 40441	1SNB040441R0416	129	640	0.40
MG2-TDMO-03								
4 x 12	0.157 x 0.472	40	White ☐	MG2-TDMO-03 40590	1SNB040590R0412	127	560	0.40
4 x 16	0.157 x 0.630	40	White ☐	MG2-TDMO-03 40591	1SNB040591R0416	130	560	0.40
4 x 12	0.157 x 0.472	40	Yellow ☐	MG2-TDMO-03 40540	1SNB040540R0412	127	560	0.40
4 x 16	0.157 x 0.630	40	Yellow ☐	MG2-TDMO-03 40541	1SNB040541R0416	130	560	0.40

Marking system

MG3 KIT ☒	AMS 250	AMS 500	HTP500
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Description	Support status	Type	Order code	Pkg pce	Weight (1 pce) g
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Support plates

Support template for cable tags	Purchased separately	MG2-PTM 991010	1SNB991010R0000	1	116.00
MG2-TDMO & MG-TDM 4x16mm					

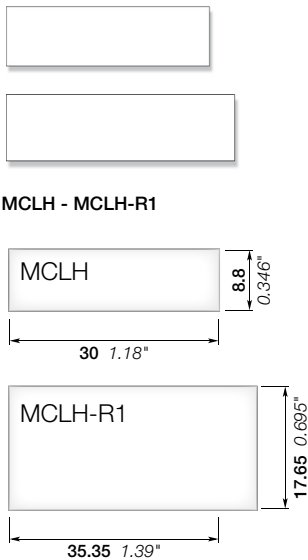
All the technical data for UL/CSA standard and dimensions in inches are in *italics*.



MG3 KIT

MCLH label

Markers and marking systems



AMS 500



HTP500-V2 KIT

MCLH label

Description

Identify your terminal blocks assembly with the self adhesive label adapted to the LH label holders.

Ordering details

Description	Number of labels per unit	Color	Type	Order code	Pkg pce	Weight (1 pce) g
for LH label holder	36	White ☐	MCLH	1SNK900630R0000	25	10.00
	36	Yellow ☒	MCLH-YL	1SNK900633R0000	25	10.00
for LH-R1 label holder	15	White ☐	MCLH-R1	1SNK900631R0000	25	10.00
	15	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
AMS plotter	KIT MAO AMS 500	1SNA360000R2400	1	12600.00
Thermal transfer printer	HTP500-V2 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

HTP500 thermal transfer printer

Marking system



HTP500-V2 KIT



HTP500-CLEAN



HTP500-FEED



HTP500-PL2



RIB-B

Description

- Performance,
- High volume and serial production,
- Dedicated for ABB terminal blocks.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Thermal transfer printer KIT		HTP500-V2 KIT	1SNA235700R1500	1	
List of items included in the KIT :					
1 HTP500-V2 Thermal transfer printer		HTP500-V2			
1 software CD		HTS500			
1 power supply cable		HTP500-PW			
1 USB cable		HTP500-USB			
1 support table		HTP500-BAS			
1 universal feeder for marker cards		HTP500-FEED			
1 cleaning cassette		HTP500-CLEAN			
1 black ribbon cassette		RIB-B			
1 support plate for ABB terminal block markers		HTP500-PL2			
1 universal support plate for wire markers		HTP500-PL			

Feeders and support plates

Description	Color	Type	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	1SNA235706R0600	1	
Universal support plate for wire markers		HTP500-PL	1SNA235704R0500	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	
Dust cover for HTP500 and AMS 500 systems		DUST COVER	1SNA360161R1500	1	
Wooden box for HTP500-V2 KIT		HTP500-WB	1SNA235717R2100	1	
Software CD		HTS500	1SNA235702R0300	1	
Support table		HTP500-BAS	1SNA235706R0700	1	
Power supply cable		HTP500-PW	1SNA235709R1200	1	

MG3 thermal transfer printer

Marking system



MG3 KIT



Support plate MG2-...



Ribbons MG2-ETR...

Description

- Versatile,
- Compact and robust,
- Easy to install and use.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
MG3 Thermal transfer printer KIT		MG3 KIT	1SNB419001R0000	1	12600.00
List of items included in the KIT:					
1 MG3 Thermal transfer printer		MG3			
1 Software CD		MG3 SOFTWARE			
1 Power supply cable		MG3 POWER			
1 USB cable		MG3 USB			
1 Protective cover		MG2 COVE 991680			
1 Ribbon take up spool		MG2-CRB 991654			
1 Black monochrome ribbon		MG2-ETR 991600			
1 Support plate for cable tags MG-TPM		MG2-PWC 991000			
1 Support plate for labels, cables, plates and various markers		MG2-PLT 991002			
1 Support plate for terminal block markers MG-CPM-01 (5x10 and 5x15), 02, 03, 04, 07		MG2-QTB 991011			
1 Support plate for terminal block markers SNK MG-CPM-13		MG2-ETB 991016			

Support plates

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Support template for:					
Cable tags MG-TPM		MG2-PWC 991000	1SNB991000R0000	1	148.00
Labels, cable tags, plates and various markers		MG2-PLT 991002	1SNB991002R0000	1	148.00
Terminal block markers MG-CPM-05,12		MG2-WTB 991004	1SNB991004R0000	1	151.00
Terminal block markers MG-CPM-06		MG2-STB 991005	1SNB991005R0000	1	158.00
Terminal block markers MG-CPM-10		MG2-CTB 991006	1SNB991006R0000	1	156.00
Cable tags MG-TDM (4x12 mm)		MG2-PTD 991007	1SNB991007R0000	1	126.00
Terminal block markers MG-CPM-01 (5x7 mm)		MG2-MTB 991008	1SNB991008R0000	1	149.00
Cable tags MG2-TDMO and MG-TDM (4x16 mm)		MG2-PTM 991010	1SNB991010R0000	1	116.00
Terminal block markers MG-CPM-01 (5x10 and 5x15 mm), 02, 03, 04, 07		MG2-QTB 991011	1SNB991011R0000	1	120.00
Terminal block markers ABB RC and MC series		MG2-ABM 991012	1SNB991012R0000	1	146.00
Terminal block markers MG-CPM-09		MG2-LTB 991013	1SNB991013R0000	1	128.00
Terminal block markers SNK MG-CPM-13		MG2-ETB 991016	1SNB991016R0000	1	100.00

PET blank for support template

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
PET blank for template MG2-PWC		MG2-TWC 991502	1SNB991502R0000	3	16.70
PET blank for template MG2-PLT		MG2-TLT 991522	1SNB991522R0000	3	14.70
PET blank for template MG2-PTD		MG2-TTD 991563	1SNB991563R0000	3	11.70
PET blank for template MG2-MTB		MG2-TMT 991513	1SNB991513R0000	3	12.00
PET blank for template MG2-WTB		MG2-TWT 991542	1SNB991542R0000	3	12.00
PET blank for template MG2-STB		MG2-TST 991552	1SNB991552R0000	3	21.50
PET blank for template MG2-CTB		MG2-TCT 991562	1SNB991562R0000	3	12.00
PET blank for template MG2-QTB		MG2-TGT 991532	1SNB991532R0000	3	11.70
PET blank for template MG2-ETB		MG2-TTB 991512	1SNB991512R0000	3	10.70

Accessories

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
Print head cleaning kit		MG2-CKP 991670	1SNB991670R0000	1	336.00
Black monochrome ribbon	Black	MG2-ETR 991600	1SNB991600R0000	1	227.00
Red monochrome ribbon	Red	MG2-ETR 991601	1SNB991601R0000	1	229.00
White monochrome ribbon	White	MG2-ETR 991602	1SNB991602R0000	1	255.00
Green monochrome ribbon	Green	MG2-ETR 991603	1SNB991603R0000	1	247.00
Blue monochrome ribbon	Blue	MG2-ETR 991606	1SNB991606R0000	1	333.00

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

AMS plotter

Marking system



AMS 500

AMS 500

Description

- Flexible needs,
- Economic,
- Full-size format,
- Print original manufacturers markers.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
AMS 500 Plotter KIT		KIT MAO AMS 500	1SNA360000R2400	1	12600
List of items included in the KIT:					
1 AMS 500 plotter pen printer		AMS 500			
1 Software CD		AMS SOFTWARE			
1 Power supply cable		AMS POWER			
1 USB cable		AMS USB			
1 Support plate for RC/MC/RCTT/WMTT/BA4/RCT		SPRC1			
1 Plotter pen Ø 0.25 mm .01 in		AMS PEN 0.25			
1 Plotter pen Ø 0.35 mm .014 in		AMS PEN 0.35			
5 Ink cartridges		AMS INK CARTRIDGES			
1 Cleaner fluid		AMS CLEANER FLUID			
1 Cleaner kit		AMS CLEANER KIT			



AMS 250

AMS 250

Description

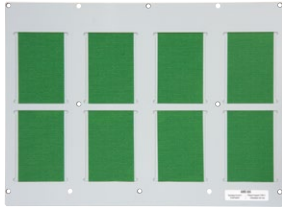
- Basic needs,
- Economic,
- Half-size format
- Compatible with most of AMS 500 accessories.

Ordering details

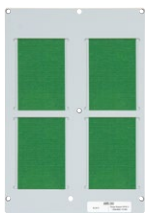
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
AMS 250 Plotter KIT		AMS 250 BASIC KIT	1SNA360000R2500	1	8800
List of items included in the KIT:					
1 AMS 250 plotter pen printer		AMS 250 BASIC			
1 Software CD		AMS SOFTWARE			
1 Power supply cable		AMS POWER			
1 USB cable		AMS USB			
1 Support plate for BA4 / MC / RC / RCAL / RCT / RCTT		SPRC2			
1 Disposable plotter pen Ø 0.25 mm .01 in EDR ink		DISPOSABLE AMS PEN ED-R 0.25			
1 Disposable plotter pen Ø 0.35 mm .014 in EDR ink		DISPOSABLE AMS PEN ED-R 0.35			

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

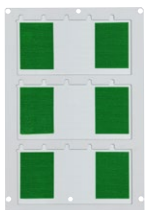
AMS plotter Marking system



SPRC1



SPRC2



SPRC30-3



AMS PEN



AMS CLEANER KIT



AMS INK CARTRIDGES

Support plates for ABB markers

Description	Compatibility		Type	Order code	Pkg pce	Weight (1 pce) g
	AMS 500	AMS 250				
Support plates for:						
RC/MC/RCTT/WMTT/BA4/RCT full format	●		SPRC 1	1SNA360010R1500	1	220
RC/MC/RCTT/WMTT/BA4/RCT		●	SPRC 2	1SNA360011R1500	1	
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	1	
RPCV markers	●	●	SPRC 28	1SNA360040R2300	1	
RCL, P, W510	●	●	SPRC 29	1SNA360038R1500	1	
MC... PA	●	●	SPRC 30-3	1SNA360039R1700	1	
A4 universal support plate	●	●	SPRC 21	1SNA360031R0600	1	851

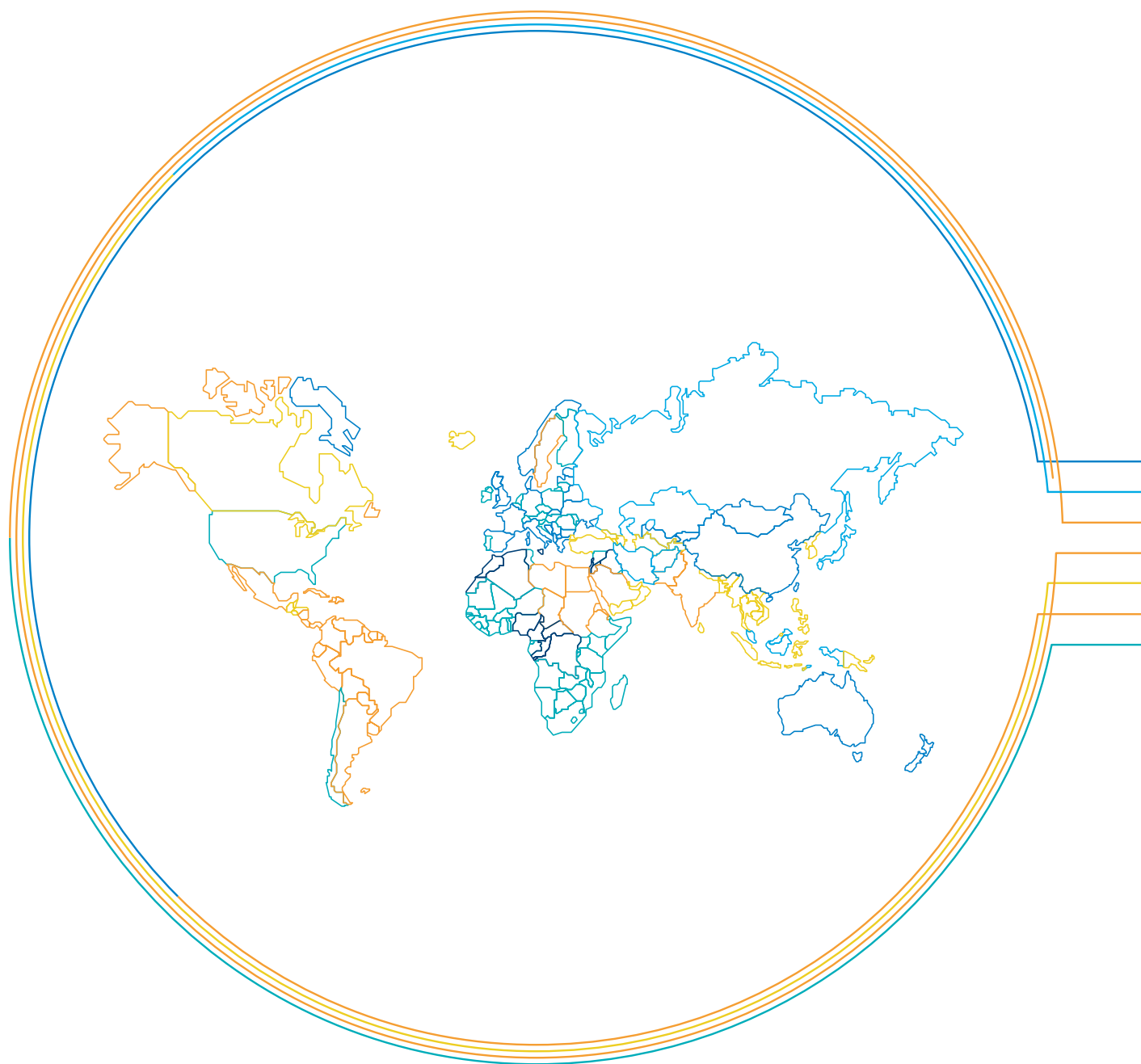
Support plates for other markers

Description	Compatibility		Type	Order code	Pkg	Weight
	AMS 500	AMS 250			pce	(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		Diameter Color	Type	Order code	Pkg pce	Weight (1 pce) g
Plotter pen P 2.0 black ink	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 P 2.0 black ink	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	
Disposable plotter pen ED-R black ink	Ø 0.18 mm .007 in	Red ■	DISPOSABLE AMS PEN ED-R 0.18	1SNA360124R1000	1	
	Ø 0.25 mm .01 in	White □	DISPOSABLE AMS PEN ED-R 0.25	1SNA360122R1000	1	
	Ø 0.35 mm .014 in	Yellow ■	DISPOSABLE AMS PEN ED-R 0.35	1SNA360123R0500	1	
5 ink cartridges 1 ml			AMS INK CARTRIDGES	1SNA360150R2600	1	
2 cleaner fluid bottles, 20 ml			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	
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.



Index

Order code classification

Order code	Type	Page
1SNA116538R1700	PC8-2	162
1SNA116539R1000	PC8-3	162
1SNA116540R2500	PC8-4	162
1SNA163313R2400	PC8-10	162
1SNA164800R0300	PR3.G2	137
1SNA168500R1200	PR4	138
1SNA168700R2200	PR5	138
1SNA173220R0500	PR30	136
1SNA174300R1700	PR3.Z2	136
1SNA178529R0400	PR50	137
1SNA179726R0200	AJS9	168
1SNA206680R1500	AJS9-1	168
1SNA206681R0200	AJS9-2	168
1SNA206682R0300	AJS9-3	168
1SNA206683R0400	AJS9-4	168
1SNA206720R1400	AJS9-5	168
1SNA235700R1500	HTP500-V2 KIT	193
1SNA235702R0300	HTS500	193
1SNA235703R0400	HTP500-FEED	193
1SNA235704R0500	HTP500-PL	193
1SNA235705R0600	HTP500-PL2	193
1SNA235706R0700	HTP500-BAS	193
1SNA235709R1200	HTP500-PW	193
1SNA235710R0600	RIB-B	193
1SNA235711R2300	RIB-R	193
1SNA235714R2600	HTP500-CLEAN	193
1SNA235715R2700	HTP500-ROLL	193
1SNA235716R2000	HTP500-PRINT	193
1SNA235717R2100	HTP500-WB	193
1SNA235718R0200	RIB-RS	193
1SNA360000R2400	KIT MAO AMS 500	195
1SNA360000R2500	AMS 250 BASIC KIT	195
1SNA360010R1500	SPRC 1	196
1SNA360011R1500	SPRC 2	196
1SNA360014R0500	SPRC 4	196
1SNA360015R0600	SPRC 5	196
1SNA360016R0700	SPRC 6	196
1SNA360017R0000	SPRC 7	196
1SNA360018R1100	SPRC 8	196
1SNA360019R1200	SPRC 9	196
1SNA360020R1700	SPRC 10	196
1SNA360021R0400	SPRC 11	196
1SNA360023R0600	SPRC 13	196
1SNA360024R0700	SPRC 14	196
1SNA360025R0000	SPRC 15	196
1SNA360026R0100	SPRC 16	196
1SNA360031R0600	SPRC 21	196
1SNA360036R0300	SPRC 26	196
1SNA360037R0400	SPRC 27	196
1SNA360038R1500	SPRC 29	196
1SNA360039R1600	SPRC 30	186
1SNA360039R1700	SPRC 30-3	196
1SNA360040R2300	SPRC 28	196
1SNA360098R1200	PEN HOLDER	196
1SNA360100R2500	AMS PEN 0.25	196
1SNA360101R1200	AMS PEN 0.35	196
1SNA360103R1400	AMS PEN 0.18	196
1SNA360104R1500	AMS PEN 0.50	196
1SNA360105R1600	AMS PEN 0.70	196
1SNA360106R1700	AMS PEN 1.00	196
1SNA360107R1000	HAND PEN	196
1SNA360120R1000	DISPOSABLE AMS PEN 0.25	196
1SNA360121R0500	DISPOSABLE AMS PEN 0.35	196
1SNA360122R1000	DISPOSABLE AMS PEN ED-R 0.25	196
1SNA360123R0500	DISPOSABLE AMS PEN ED-R 0.35	196
1SNA360124R1000	DISPOSABLE AMS PEN ED-R 0.18	196
1SNA360150R2600	AMS INK CARTRIDGES	196
1SNA360155R1700	AMS CLEANER FLUID	196
1SNA360156R1000	AMS CLEANER KIT	196

Order code	Type	Page
1SNA360161R1500	DUST COVER	193
1SNA360162R1600	SERVICE KIT FOR AMS 500	196
1SNA360163R1700	SPDST1	196
1SNA400711R0600	PC8-R1	162
1SNA400712R0700	PC8-R2	162
1SNA400713R0000	PC8-R3	162
1SNA400724R0300	PC8-R4	162
1SNB040340R0412	MG2-TDMO-01 40340	191
1SNB040341R0416	MG2-TDMO-01 40341	191
1SNB040390R0412	MG2-TDMO-01 40390	191
1SNB040391R0416	MG2-TDMO-01 40391	191
1SNB040440R0412	MG2-TDMO-02 40440	191
1SNB040441R0416	MG2-TDMO-02 40441	191
1SNB040490R0412	MG2-TDMO-02 40490	191
1SNB040491R0416	MG2-TDMO-02 40491	191
1SNB040540R0412	MG2-TDMO-03 40540	191
1SNB040541R0416	MG2-TDMO-03 40541	191
1SNB040590R0412	MG2-TDMO-03 40590	191
1SNB040591R0416	MG2-TDMO-03 40591	191
1SNB041740R0512	MG-CPM 13 41740	174
1SNB041741R0612	MG-CPM 13 41741	180
1SNB041790R0512	MG-CPM-13 41790	174
1SNB041791R0612	MG-CPM-13 41791	180
1SNB419001R0000	MG3 KIT	194
1SNB991000R0000	MG2-PWC 991000	194
1SNB991002R0000	MG2-PLT 991002	194
1SNB991004R0000	MG2-WTB 991004	194
1SNB991005R0000	MG2-STB 991005	194
1SNB991006R0000	MG2-CTB 991006	194
1SNB991007R0000	MG2-PTD 991007	194
1SNB991008R0000	MG2-MTB 991008	194
1SNB991010R0000	MG2-PTM 991010	194
1SNB991011R0000	MG2-QTB 991011	194
1SNB991012R0000	MG2-ABM 991012	194
1SNB991013R0000	MG2-LTB 991013	194
1SNB991016R0000	MG2-ETB 991016	194
1SNB991502R0000	MG2-TWC 991502	194
1SNB991512R0000	MG2-TTB 991512	194
1SNB991513R0000	MG2-TMT 991513	194
1SNB991522R0000	MG2-TLT 991522	194
1SNB991532R0000	MG2-TGT 991532	194
1SNB991542R0000	MG2-TWT 991542	194
1SNB991552R0000	MG2-TST 991552	194
1SNB991562R0000	MG2-TCT 991562	194
1SNB991563R0000	MG2-TTD 991563	194
1SNB991600R0000	MG2-ETR 991600	194
1SNB991601R0000	MG2-ETR 991601	194
1SNB991602R0000	MG2-ETR 991602	194
1SNB991603R0000	MG2-ETR 991603	194
1SNB991606R0000	MG2-ETR 991606	194
1SNB991670R0000	MG2-CKP 991670	194
1SNK140000R0000	MC512	174
1SNK140004R0000	MC512-YL	174
1SNK140011R0000	MC512PA	176
1SNK140012R0000	MC512PA	178
1SNK140021R0000	MC512PA	176
1SNK140022R0000	MC512PA	178
1SNK140031R0000	MC512PA	176
1SNK140032R0000	MC512PA	178
1SNK140041R0000	MC512PA	176
1SNK140042R0000	MC512PA	178
1SNK140051R0000	MC512PA	176
1SNK140052R0000	MC512PA	178
1SNK140061R0000	MC512PA	176
1SNK140062R0000	MC512PA	178
1SNK140071R0000	MC512PA	176
1SNK140072R0000	MC512PA	178
1SNK140081R0000	MC512PA	176
1SNK140082R0000	MC512PA	178

Order code	Type	Page
1SNK140083R0000	MC512PA	176
1SNK140084R0000	MC512PA	178
1SNK140091R0000	MC512PA	176
1SNK140092R0000	MC512PA	178
1SNK140101R0000	MC512PA	176
1SNK140102R0000	MC512PA	178
1SNK140111R0000	MC512PA	176
1SNK140112R0000	MC512PA	178
1SNK140121R0000	MC512PA	176
1SNK140122R0000	MC512PA	178
1SNK140131R0000	MC512PA	176
1SNK140132R0000	MC512PA	178
1SNK140141R0000	MC512PA	176
1SNK140142R0000	MC512PA	178
1SNK140151R0000	MC512PA	176
1SNK140152R0000	MC512PA	178
1SNK140161R0000	MC512PA	176
1SNK140162R0000	MC512PA	178
1SNK140171R0000	MC512PA	176
1SNK140172R0000	MC512PA	178
1SNK140181R0000	MC512PA	176
1SNK140182R0000	MC512PA	178
1SNK140191R0000	MC512PA	176
1SNK140192R0000	MC512PA	178
1SNK140201R0000	MC512PA	176
1SNK140202R0000	MC512PA	178
1SNK145011R0000	MC512PA	176
1SNK145012R0000	MC512PA	178
1SNK145021R0000	MC512PA	176
1SNK145022R0000	MC512PA	178
1SNK145031R0000	MC512PA	176
1SNK145032R0000	MC512PA	178
1SNK145041R0000	MC512PA	176
1SNK145042R0000	MC512PA	178
1SNK145051R0000	MC512PA	176
1SNK145052R0000	MC512PA	178
1SNK145061R0000	MC512PA	176
1SNK145062R0000	MC512PA	178
1SNK145071R0000	MC512PA	176
1SNK145072R0000	MC512PA	178
1SNK145081R0000	MC512PA	176
1SNK145082R0000	MC512PA	178
1SNK145091R0000	MC512PA	176
1SNK145092R0000	MC512PA	178
1SNK145102R0000	MC512PA	176
1SNK146011R0000	MC512PA	176
1SNK146012R0000	MC512PA	178
1SNK146021R0000	MC512PA	176
1SNK146022R0000	MC512PA	178
1SNK146031R0000	MC512PA	176
1SNK146032R0000	MC512PA	178
1SNK146041R0000	MC512PA	176
1SNK146042R0000	MC512PA	178
1SNK146051R0000	MC512PA	176
1SNK146052R0000	MC512PA	178
1SNK146061R0000	MC512PA	176
1SNK146062R0000	MC512PA	178
1SNK146071R0000	MC512PA	176
1SNK146072R0000	MC512PA	178
1SNK146081R0000	MC512PA	176
1SNK146082R0000	MC512PA	178
1SNK146091R0000	MC512PA	176
1SNK146092R0000	MC512PA	178
1SNK146101R0000	MC512PA	176
1SNK146102R0000	MC512PA	178
1SNK146111R0000	MC512PA	176
1SNK146112R0000	MC512PA	178
1SNK146121R0000	MC512PA	176
1SNK146122R0000	MC512PA	178

Index

Order code classification

Order code	Type	Page
1SNK168031R0000	MC812PA	188
1SNK168032R0000	MC812PA	190
1SNK168041R0000	MC812PA	188
1SNK168042R0000	MC812PA	190
1SNK168051R0000	MC812PA	188
1SNK168052R0000	MC812PA	190
1SNK168061R0000	MC812PA	188
1SNK168062R0000	MC812PA	190
1SNK168071R0000	MC812PA	188
1SNK168072R0000	MC812PA	190
1SNK168091R0000	MC812PA	188
1SNK168092R0000	MC812PA	190
1SNK168101R0000	MC812PA	188
1SNK168102R0000	MC812PA	190
1SNK168111R0000	MC812PA	188
1SNK168112R0000	MC812PA	190
1SNK168121R0000	MC812PA	188
1SNK168122R0000	MC812PA	190
1SNK168131R0000	MC812PA	188
1SNK168132R0000	MC812PA	190
1SNK168141R0000	MC812PA	188
1SNK168142R0000	MC812PA	190
1SNK168151R0000	MC812PA	188
1SNK168152R0000	MC812PA	190
1SNK168161R0000	MC812PA	188
1SNK168162R0000	MC812PA	190
1SNK168171R0000	MC812PA	188
1SNK168172R0000	MC812PA	190
1SNK168181R0000	MC812PA	188
1SNK168182R0000	MC812PA	190
1SNK168192R0000	MC812PA	190
1SNK168202R0000	MC812PA	190
1SNK168212R0000	MC812PA	190
1SNK168222R0000	MC812PA	190
1SNK169001R0000	MC812PA	188
1SNK169002R0000	MC812PA	190
1SNK169011R0000	MC812PA	188
1SNK169012R0000	MC812PA	190
1SNK169999R0000	MC812PA	186
1SNK505010R0000	ZS4	52
1SNK505020R0000	ZS4-BL	52
1SNK505030R0000	ZS4-OR	52
1SNK505060R0000	ZS4-YL	52
1SNK505061R0000	ZS4-GN	52
1SNK505062R0000	ZS4-RD	52
1SNK505063R0000	ZS4-PR	52
1SNK505064R0000	ZS4-BR	52
1SNK505065R0000	ZS4-WH	52
1SNK505066R0000	ZS4-BK	52
1SNK505150R0000	ZS4-PE	62
1SNK505210R0000	ZS4-D2	104
1SNK505211R0000	ZS4-D1	105
1SNK505212R0000	ZS4-T3	114
1SNK505220R0000	ZS4-D2-BL	104
1SNK505230R0000	ZS4-D2-OR	104
1SNK505310R0000	ZS4-S	73
1SNK505311R0000	ZS4-S-T2	74
1SNK505312R0000	ZS4-S-T2.3	74
1SNK505313R0000	ZS4-SP	80
1SNK505314R0000	ZS4-SP-T2	81
1SNK505315R0000	ZS4-D2-S	110
1SNK505316R0000	ZS4-D2-S-T2	111
1SNK505320R0000	ZS4-S-BL	73
1SNK505321R0000	ZS4-S-T2-BL	74
1SNK505330R0000	ZS4-S-OR	73
1SNK505331R0000	ZS4-S-T2-OR	74
1SNK505910R0000	ES4	157
1SNK505911R0000	ES6-4S	157
1SNK505912R0000	ES6-3S	157

Order code	Type	Page
1SNK505960R0000	ES4-D2	157
1SNK505961R0000	ES4-T3	158
1SNK506010R0000	ZS6	53
1SNK506011R0000	ZS6-3S	54
1SNK506012R0000	ZS6-4S	55
1SNK506013R0000	ZS4-R2	98
1SNK506020R0000	ZS6-BL	53
1SNK506021R0000	ZS6-3S-BL	54
1SNK506022R0000	ZS6-4S-BL	55
1SNK506030R0000	ZS6-OR	53
1SNK506060R0000	ZS6-YL	53
1SNK506061R0000	ZS6-GN	53
1SNK506062R0000	ZS6-RD	53
1SNK506063R0000	ZS6-PR	53
1SNK506064R0000	ZS6-BR	53
1SNK506065R0000	ZS6-WH	53
1SNK506066R0000	ZS6-BK	53
1SNK506067R0000	ZS6-3S-YL	54
1SNK506068R0000	ZS6-4S-YL	55
1SNK506150R0000	ZS6-PE	63
1SNK506151R0000	ZS6-3S-PE	64
1SNK506152R0000	ZS6-4S-PE	65
1SNK506153R0000	ZS4-PE-R2	99
1SNK506210R0000	ZS6-D2	106
1SNK506211R0000	ZS6-D1	107
1SNK506212R0000	ZS6-D2-PE	108
1SNK506213R0000	ZS4-T3-R1	115
1SNK506220R0000	ZS6-D2-BL	106
1SNK506230R0000	ZS6-D2-OR	106
1SNK506250R0000	ZS6-D1-PE	109
1SNK506310R0000	ZS4-S-R1	75
1SNK506311R0000	ZS4-S-T2-R1	76
1SNK506312R0000	ZS4-S-T2.3-R1	76
1SNK506313R0000	ZS4-SP-R1	82
1SNK506314R0000	ZS4-SP-T2-R1	83
1SNK506315R0000	ZS6-S	77
1SNK506316R0000	ZS6-S-4S-T2	78
1SNK506320R0000	ZS4-S-R1-BL	75
1SNK506321R0000	ZS4-S-T2-R1-BL	76
1SNK506322R0000	ZS6-S-BL	77
1SNK506330R0000	ZS4-S-R1-OR	75
1SNK506331R0000	ZS4-S-T2-R1-OR	76
1SNK506410R0000	ZS4-SF	94
1SNK506411R0000	ZS4-SF-T2	95
1SNK506412R0000	ZS4-SF-R1	96
1SNK506413R0000	ZS4-SF-R2	97
1SNK506414R0000	ZS4-S-R2	100
1SNK506415R0000	ZS4-SF-R3	96
1SNK506416R0000	ZS4-SF-R4	97
1SNK508010R0000	ZS10	56
1SNK508011R0000	ZS10-R1	123
1SNK508013R0000	ZS4-R1	92
1SNK508020R0000	ZS10-BL	56
1SNK508030R0000	ZS10-OR	56
1SNK508060R0000	ZS10-YL	56
1SNK508061R0000	ZS10-GN	56
1SNK508062R0000	ZS10-RD	56
1SNK508063R0000	ZS10-PR	56
1SNK508064R0000	ZS10-BR	56
1SNK508065R0000	ZS10-WH	56
1SNK508066R0000	ZS10-BK	56
1SNK508150R0000	ZS10-PE	66
1SNK508151R0000	ZS10-PE-R1	124
1SNK508310R0000	ZS10-ST	120
1SNK508311R0000	ZS10-ST-T4	122
1SNK508312R0000	ZS10-ST-1	121
1SNK508315R0000	ZS10-S	79
1SNK508316R0000	ZS10-SP	84
1SNK508320R0000	ZS10-S-BL	79

Order code	Type	Page
1SNK508410R0000	ZS4-SF1	88
1SNK508411R0000	ZS4-SF1-T2	89
1SNK508412R0000	ZS4-SF1-R1	90
1SNK508413R0000	ZS4-SF1-R2	91
1SNK508414R0000	ZS4-SF1-R3	90
1SNK508415R0000	ZS4-SF1-R4	91
1SNK508416R0000	ZS4-S-R3	93
1SNK508417R0000	ZS10-S-R2	103
1SNK508418R0000	ZS10-SF	101
1SNK508421R0000	ZS10-SF-R1	102
1SNK508422R0000	ZS10-SF-R3	102
1SNK508423R0000	ZS4-D2-SF1-R1	113
1SNK508424R0000	ZS4-D2-SF1-R3	113
1SNK508425R0000	ZS4-D2-SF1	112
1SNK508910R0000	ES10-ST	158
1SNK508911R0000	ES4-D2-SF1	158
1SNK508960R0000	ES4-SF	158
1SNK510010R0000	ZS16	57
1SNK510020R0000	ZS16-BL	57
1SNK510030R0000	ZS16-OR	57
1SNK510150R0000	ZS16-PE	57
1SNK512010R0000	ZS25	58
1SNK512020R0000	ZS25-BL	58
1SNK512060R0000	ZS25-YL	58
1SNK512150R0000	ZS25-PE	68
1SNK516010R0000	ZS35	59
1SNK516020R0000	ZS35-BL	59
1SNK516030R0000	ZS35-OR	59
1SNK516150R0000	ZS35-PE	69
1SNK516170R0000	ZS35-PEN	70
1SNK522010R0000	ZS70	60
1SNK522020R0000	ZS70-BL	60
1SNK522060R0000	ZS70-YL	60
1SNK522150R0000	ZS70-PE	71
1SNK526010R0000	ZS95	61
1SNK526020R0000	ZS95-BL	61
1SNK526060R0000	ZS95-YL	61
1SNK526150R0000	ZS95-PE	72
1SNK705010R0000	ZK2.5	17
1SNK705011R0000	ZK2.5-3P	18
1SNK705012R0000	ZK2.5-4P	19
1SNK705020R0000	ZK2.5-BL	17
1SNK705021R0000	ZK2.5-3P-BL	18
1SNK705022R0000	ZK2.5-4P-BL	19
1SNK705030R0000	ZK2.5-OR	17
1SNK705031R0000	ZK2.5-3P-OR	18
1SNK705032R0000	ZK2.5-4P-OR	19
1SNK705060R0000	ZK2.5-YL	17
1SNK705061R0000	ZK2.5-GN	17
1SNK705062R0000	ZK2.5-RD	17
1SNK705065R0000	ZK2.5-WH	17
1SNK705066R0000	ZK2.5-BK	17
1SNK705067R0000	ZK2.5-3P-YL	18
1SNK705068R0000	ZK2.5-3P-GN	18
1SNK705069R0000	ZK2.5-3P-RD	18
1SNK705072R0000	ZK2.5-3P-WH	18
1SNK705073R0000	ZK2.5-3P-BK	18
1SNK705074R0000	ZK2.5-4P-YL	19
1SNK705075R0000	ZK2.5-4P-GN	19
1SNK705076R0000	ZK2.5-4P-RD	19
1SNK705079R0000	ZK2.5-4P-WH	19
1SNK705080R0000	ZK2.5-4P-BK	19
1SNK705150R0000	ZK2.5-PE	27
1SNK705151R0000	ZK2.5-PE-3P	28
1SNK705152R0000	ZK2.5-PE-4P	29
1SNK705210R0000	ZK2.5-D2	44
1SNK705211R0000	ZK2.5-D1	43
1SNK705212R0000	ZK2.5-D2-PE	44
1SNK705220R0000	ZK2.5-D2-BL	42

Index

Order code classification

Order code	Type	Page
1SNK705250R0000	ZK2.5-D1-PE	45
1SNK705310R0000	ZK2.5-S	37
1SNK705311R0000	ZK2.5-SP	39
1SNK705320R0000	ZK2.5-S-BL	37
1SNK705330R0000	ZK2.5-S-OR	37
1SNK705910R0000	EK2.5	153
1SNK705911R0000	EK2.5-3P	153
1SNK705912R0000	EK2.5-4P	153
1SNK705960R0000	EK2.5-D2	154
1SNK706010R0000	ZK4	20
1SNK706011R0000	ZK4-3P	21
1SNK706012R0000	ZK4-4P	22
1SNK706020R0000	ZK4-BL	20
1SNK706021R0000	ZK4-3P-BL	21
1SNK706022R0000	ZK4-4P-BL	22
1SNK706030R0000	ZK4-OR	20
1SNK706031R0000	ZK4-3P-OR	21
1SNK706032R0000	ZK4-4P-OR	22
1SNK706150R0000	ZK4-PE	30
1SNK706151R0000	ZK4-PE-3P	31
1SNK706152R0000	ZK4-PE-4P	32
1SNK706310R0000	ZK2.5-S-R1	38
1SNK706410R0000	ZK2.5-SF	40
1SNK706411R0000	ZK2.5-SF-R1	41
1SNK706412R0000	ZK2.5-SF-R3	41
1SNK708010R0000	ZK6	23
1SNK708011R0000	ZK6-3P	24
1SNK708020R0000	ZK6-BL	23
1SNK708021R0000	ZK6-3P-BL	24
1SNK708030R0000	ZK6-OR	23
1SNK708031R0000	ZK6-3P-OR	24
1SNK708150R0000	ZK6-PE	33
1SNK708151R0000	ZK6-PE-3P	34
1SNK708911R0000	EK6-3P	154
1SNK710010R0000	ZK10	25
1SNK710020R0000	ZK10-BL	25
1SNK710030R0000	ZK10-OR	25
1SNK710150R0000	ZK10-PE	35
1SNK710910R0000	EK10	154
1SNK712010R0000	ZK16	26
1SNK712020R0000	ZK16-BL	26
1SNK712150R0000	ZK16-PE	36
1SNK805011R0000	ZDP2.5-11	128
1SNK805012R0000	ZDP2.5-22	129
1SNK805210R0000	ZDP2.5-D2	130
1SNK805211R0000	ZDP2.5-D1	131
1SNK805710R0000	C2.5-ZDP	132
1SNK805711R0000	C2.5-ZDP-R1	132
1SNK805912R0000	EDP2.5-22	169
1SNK805960R0000	EDP2.5-D2	169
1SNK900001R0000	BAM3	139
1SNK900002R0000	BAZ1	140
1SNK900101R0000	CS	163
1SNK900102R0000	BAZH1	139
1SNK900103R0000	CS-R1	163
1SNK900104R0000	ES-TC8	149
1SNK900105R0000	ES-TC6	149
1SNK900106R0000	CS-R2	155
1SNK900107R0000	CS-R3	155
1SNK900200R0000	TC5	149
1SNK900201R0000	TC5-R1	149
1SNK900203R0000	TP2	148
1SNK900205R0000	TP4	148
1SNK900401R0000	PG5	151
1SNK900402R0000	PG5-R1	151
1SNK900403R0000	PG5-R2	150
1SNK900600R0000	SHBS	164
1SNK900601R0000	SHBP	156
1SNK900602R0000	SHB	156

Order code	Type	Page
1SNK900603R0000	JB85-3	147
1SNK900604R0000	CO	166
1SNK900605R0000	LH	141
1SNK900607R0000	LH-R1	141
1SNK900611R0000	UMH	191
1SNK900618R0000	PL5	165
1SNK900619R0000	PL6	165
1SNK900620R0000	PL8	165
1SNK900621R0000	PL10	165
1SNK900622R0000	PL16	165
1SNK900624R0000	KCO	166
1SNK900625R0000	PT-3	170
1SNK900626R0000	VRD-5	170
1SNK900627R0000	RILS	156
1SNK900630R0000	MCLH	192
1SNK900631R0000	MCLH-R1	192
1SNK900633R0000	MCLH-YL	192
1SNK900634R0000	MCLH-R1-YL	192
1SNK900635R0000	COP-ZDP	170
1SNK900640R0000	TO3.5-50	152
1SNK900641R0000	TO4-100	152
1SNK900642R0000	TO5.5-125	152
1SNK900643R0000	TO6.5-150	152
1SNK900644R0000	TO3.5-100-INS	152
1SNK900650R0000	PS-3	152
1SNK900652R0000	SC-JB8-2	167
1SNK900653R0000	SC-JB8-3	167
1SNK900654R0000	SC-JB8-4	167
1SNK900655R0000	SC-JB8-5	167
1SNK905302R0000	JB5-2	142
1SNK905303R0000	JB5-3	142
1SNK905304R0000	JB5-4	142
1SNK905305R0000	JB5-5	142
1SNK905310R0000	JB5-10	142
1SNK905350R0000	JB5-50	142
1SNK906302R0000	JB6-2	143
1SNK906303R0000	JB6-3	143
1SNK906304R0000	JB6-4	143
1SNK906305R0000	JB6-5	143
1SNK906310R0000	JB6-10	143
1SNK906350R0000	JB6-50	143
1SNK908302R0000	JB8-2	144
1SNK908303R0000	JB8-3	144
1SNK908304R0000	JB8-4	144
1SNK908305R0000	JB8-5	144
1SNK908310R0000	JB8-10	144
1SNK908902R0000	JB8-2-R1	159
1SNK908903R0000	JB8-3-R1	159
1SNK908904R0000	JB8-4-R1	159
1SNK908905R0000	JB8-5-R1	159
1SNK908910R0000	JB8-10-R1	159
1SNK910302R0000	JB10-2	145
1SNK910303R0000	JB10-3	145
1SNK910304R0000	JB10-4	145
1SNK910305R0000	JB10-5	145
1SNK910310R0000	JB10-10	145
1SNK912302R0000	JB12-2	146
1SNK912303R0000	JB12-3	146
1SNK912305R0000	JB12-5	146
1SNK916302R0000	JB16-2	160
1SNK916303R0000	JB16-3	160
1SNK916304R0000	JB16-4	160
1SNK916305R0000	JB16-5	160
1SNK916310R0000	JB16-10	160
1SNK922302R0000	JB22-2	160
1SNK922303R0000	JB22-3	160
1SNK922305R0000	JB22-5	160
1SNK922310R0000	JB22-10	160
1SNK926302R0000	JB26-2	161

Order code	Type	Page
1SNK926303R0000	JB26-3	161
1SNK926305R0000	JB26-5	161
1SNK926310R0000	JB26-10	161

Index

Type classification

Type	Order code	Page
AJS9	1SNA179726R0200	168
AJS9-1	1SNA206680R1500	168
AJS9-2	1SNA206681R0200	168
AJS9-3	1SNA206682R0300	168
AJS9-4	1SNA206683R0400	168
AJS9-5	1SNA206720R1400	168
AMS 250 BASIC KIT	1SNA360000R2500	195
AMS CLEANER FLUID	1SNA360155R1700	196
AMS CLEANER KIT	1SNA360156R1000	196
AMS INK CARTRIDGES	1SNA360150R2600	196
AMS PEN 0.18	1SNA360103R1400	196
AMS PEN 0.25	1SNA360100R2500	196
AMS PEN 0.35	1SNA360101R1200	196
AMS PEN 0.50	1SNA360104R1500	196
AMS PEN 0.70	1SNA360105R1600	196
AMS PEN 1.00	1SNA360106R1700	196
BAM3	1SNK900001R0000	139
BAZ1	1SNK900002R0000	140
BAZH1	1SNK900102R0000	139
C2.5-ZDP	1SNK805710R0000	132
C2.5-ZDP-R1	1SNK805711R0000	132
CO	1SNK900604R0000	166
COP-ZDP	1SNK900635R0000	170
CS	1SNK900101R0000	163
CS-R1	1SNK900103R0000	163
CS-R2	1SNK900106R0000	155
CS-R3	1SNK900107R0000	155
DISPOSABLE AMS PEN 0.25	1SNA360120R1000	196
DISPOSABLE AMS PEN 0.35	1SNA360121R0500	196
DISPOSABLE AMS PEN ED-R 0.18	1SNA360124R1000	196
DISPOSABLE AMS PEN ED-R 0.25	1SNA360122R1000	196
DISPOSABLE AMS PEN ED-R 0.35	1SNA360123R0500	196
DUST COVER	1SNA360161R1500	193
EDP2.5-22	1SNK805912R0000	169
EDP2.5-D2	1SNK805960R0000	169
EK10	1SNK710910R0000	154
EK2.5	1SNK705910R0000	153
EK2.5-3P	1SNK705911R0000	153
EK2.5-4P	1SNK705912R0000	153
EK2.5-D2	1SNK705960R0000	154
EK6-3P	1SNK708911R0000	154
ES10-ST	1SNK508910R0000	158
ES4	1SNK505910R0000	157
ES4-D2	1SNK505960R0000	157
ES4-D2-SF1	1SNK508911R0000	158
ES4-SF	1SNK508960R0000	158
ES4-T3	1SNK505961R0000	158
ES6-3S	1SNK505912R0000	157
ES6-4S	1SNK505911R0000	157
ES-TC6	1SNK900105R0000	149
ES-TC8	1SNK900104R0000	149
HAND PEN	1SNA360107R1000	196
HTP500-BAS	1SNA235706R0700	193
HTP500-CLEAN	1SNA235714R2600	193
HTP500-FEED	1SNA235703R0400	193
HTP500-PL	1SNA235704R0500	193
HTP500-PL2	1SNA235705R0600	193
HTP500-PRINT	1SNA235716R2000	193
HTP500-PW	1SNA235709R1200	193
HTP500-ROLL	1SNA235715R2700	193
HTP500-V2 KIT	1SNA235700R1500	193
HTP500-WB	1SNA235717R2100	193
HTS500	1SNA235702R0300	193
JB10-10	1SNK910310R0000	145
JB10-2	1SNK910302R0000	145
JB10-3	1SNK910303R0000	145
JB10-4	1SNK910304R0000	145
JB10-5	1SNK910305R0000	145
JB12-2	1SNK912302R0000	146

Type	Order code	Page
JB12-3	1SNK912303R0000	146
JB12-5	1SNK912305R0000	146
JB16-10	1SNK916310R0000	160
JB16-2	1SNK916302R0000	160
JB16-3	1SNK916303R0000	160
JB16-4	1SNK916304R0000	160
JB16-5	1SNK916305R0000	160
JB22-10	1SNK922310R0000	160
JB22-2	1SNK922302R0000	160
JB22-3	1SNK922303R0000	160
JB22-5	1SNK922305R0000	160
JB26-10	1SNK926310R0000	161
JB26-2	1SNK926302R0000	161
JB26-3	1SNK926303R0000	161
JB26-5	1SNK926305R0000	161
JB5-10	1SNK905310R0000	142
JB5-2	1SNK905302R0000	142
JB5-3	1SNK905303R0000	142
JB5-4	1SNK905304R0000	142
JB5-5	1SNK905305R0000	142
JB5-50	1SNK905350R0000	142
JB6-10	1SNK906310R0000	143
JB6-2	1SNK906302R0000	143
JB6-3	1SNK906303R0000	143
JB6-4	1SNK906304R0000	143
JB6-5	1SNK906305R0000	143
JB6-50	1SNK906350R0000	143
JB8-10	1SNK908310R0000	144
JB8-10-R1	1SNK908910R0000	159
JB8-2	1SNK908302R0000	144
JB8-2-R1	1SNK908902R0000	159
JB8-3	1SNK908303R0000	144
JB8-3-R1	1SNK908903R0000	159
JB8-4	1SNK908304R0000	144
JB8-4-R1	1SNK908904R0000	159
JB8-5	1SNK908305R0000	144
JB85-3	1SNK900603R0000	147
JB8-5-R1	1SNK908905R0000	159
KCO	1SNK900624R0000	166
KIT MAO AMS 500	1SNA360000R2400	195
LH	1SNK900605R0000	141
LH-R1	1SNK900607R0000	141
MC512	1SNK140000R0000	174
MC512PA	1SNK140011R0000	176
MC512PA	1SNK140012R0000	178
MC512PA	1SNK140021R0000	176
MC512PA	1SNK140022R0000	178
MC512PA	1SNK140031R0000	176
MC512PA	1SNK140032R0000	178
MC512PA	1SNK140041R0000	176
MC512PA	1SNK140042R0000	178
MC512PA	1SNK140051R0000	176
MC512PA	1SNK140052R0000	178
MC512PA	1SNK140061R0000	176
MC512PA	1SNK140062R0000	178
MC512PA	1SNK140071R0000	176
MC512PA	1SNK140072R0000	178
MC512PA	1SNK140081R0000	176
MC512PA	1SNK140082R0000	178
MC512PA	1SNK140083R0000	176
MC512PA	1SNK140084R0000	178
MC512PA	1SNK140091R0000	176
MC512PA	1SNK140092R0000	178
MC512PA	1SNK140101R0000	176
MC512PA	1SNK140102R0000	178
MC512PA	1SNK140111R0000	176
MC512PA	1SNK140112R0000	178
MC512PA	1SNK140121R0000	176
MC512PA	1SNK140122R0000	178

Type	Order code	Page
MC512PA	1SNK140131R0000	176
MC512PA	1SNK140132R0000	178
MC512PA	1SNK140141R0000	176
MC512PA	1SNK140142R0000	178
MC512PA	1SNK140151R0000	176
MC512PA	1SNK140152R0000	178
MC512PA	1SNK140161R0000	176
MC512PA	1SNK140162R0000	178
MC512PA	1SNK140171R0000	176
MC512PA	1SNK140172R0000	178
MC512PA	1SNK140181R0000	176
MC512PA	1SNK140182R0000	178
MC512PA	1SNK140191R0000	176
MC512PA	1SNK140192R0000	178
MC512PA	1SNK140201R0000	176
MC512PA	1SNK140202R0000	178
MC512PA	1SNK145011R0000	176
MC512PA	1SNK145012R0000	178
MC512PA	1SNK145021R0000	176
MC512PA	1SNK145022R0000	178
MC512PA	1SNK145031R0000	176
MC512PA	1SNK145032R0000	178
MC512PA	1SNK145041R0000	176
MC512PA	1SNK145042R0000	178
MC512PA	1SNK145051R0000	176
MC512PA	1SNK145052R0000	178
MC512PA	1SNK145061R0000	176
MC512PA	1SNK145062R0000	178
MC512PA	1SNK145071R0000	176
MC512PA	1SNK145072R0000	178
MC512PA	1SNK145081R0000	176
MC512PA	1SNK145082R0000	178
MC512PA	1SNK145091R0000	176
MC512PA	1SNK145092R0000	178
MC512PA	1SNK145102R0000	178
MC512PA	1SNK146011R0000	176
MC512PA	1SNK146012R0000	178
MC512PA	1SNK146021R0000	176
MC512PA	1SNK146022R0000	178
MC512PA	1SNK146031R0000	176
MC512PA	1SNK146032R0000	178
MC512PA	1SNK146041R0000	176
MC512PA	1SNK146042R0000	178
MC512PA	1SNK146051R0000	176
MC512PA	1SNK146052R0000	178
MC512PA	1SNK146061R0000	176
MC512PA	1SNK146062R0000	178
MC512PA	1SNK146071R0000	176
MC512PA	1SNK146072R0000	178
MC512PA	1SNK146081R0000	176
MC512PA	1SNK146082R0000	178
MC512PA	1SNK146091R0000	176
MC512PA	1SNK146092R0000	178
MC512PA	1SNK146101R0000	176
MC512PA	1SNK146102R0000	178
MC512PA	1SNK146111R0000	176
MC512PA	1SNK146112R0000	178
MC512PA	1SNK146121R0000	176
MC512PA	1SNK146122R0000	178
MC512PA	1SNK146131R0000	176
MC512PA	1SNK146132R0000	178
MC512PA	1SNK146141R0000	176
MC512PA	1SNK146142R0000	178
MC512PA	1SNK146151R0000	176
MC512PA	1SNK146152R0000	178
MC512PA	1SNK146161R0000	176
MC512PA	1SNK146162R0000	178
MC512PA	1SNK146171R0000	176
MC512PA	1SNK146172R0000	178

Index

Type classification

Type	Order code	Page
MC812PA	1SNK168091R0000	188
MC812PA	1SNK168092R0000	190
MC812PA	1SNK168101R0000	188
MC812PA	1SNK168102R0000	190
MC812PA	1SNK168111R0000	188
MC812PA	1SNK168112R0000	190
MC812PA	1SNK168121R0000	188
MC812PA	1SNK168122R0000	190
MC812PA	1SNK168131R0000	188
MC812PA	1SNK168132R0000	190
MC812PA	1SNK168141R0000	188
MC812PA	1SNK168142R0000	190
MC812PA	1SNK168151R0000	188
MC812PA	1SNK168152R0000	190
MC812PA	1SNK168161R0000	188
MC812PA	1SNK168162R0000	190
MC812PA	1SNK168171R0000	188
MC812PA	1SNK168172R0000	190
MC812PA	1SNK168181R0000	188
MC812PA	1SNK168182R0000	190
MC812PA	1SNK168192R0000	190
MC812PA	1SNK168202R0000	190
MC812PA	1SNK168212R0000	190
MC812PA	1SNK168222R0000	190
MC812PA	1SNK169001R0000	188
MC812PA	1SNK169002R0000	190
MC812PA	1SNK169011R0000	188
MC812PA	1SNK169012R0000	190
MC812PA	1SNK169999R0000	186
MC812-YL	1SNK160004R0000	186
MCLH	1SNK900630R0000	192
MCLH-R1	1SNK900631R0000	192
MCLH-R1-YL	1SNK900634R0000	192
MCLH-YL	1SNK900633R0000	192
MG2-ABM 991012	1SNB991012R0000	194
MG2-OKP 991670	1SNB991670R0000	194
MG2-CTB 991006	1SNB991006R0000	194
MG2-ETB 991016	1SNB991016R0000	194
MG2-ETR 991600	1SNB991600R0000	194
MG2-ETR 991601	1SNB991601R0000	194
MG2-ETR 991602	1SNB991602R0000	194
MG2-ETR 991603	1SNB991603R0000	194
MG2-ETR 991606	1SNB991606R0000	194
MG2-LTB 991013	1SNB991013R0000	194
MG2-MTB 991008	1SNB991008R0000	194
MG2-PLT 991002	1SNB991002R0000	194
MG2-PTD 991007	1SNB991007R0000	194
MG2-PTM 991010	1SNB991010R0000	194
MG2-PWC 991000	1SNB991000R0000	194
MG2-QTB 991011	1SNB991011R0000	194
MG2-STB 991005	1SNB991005R0000	194
MG2-TCT 991562	1SNB991562R0000	194
MG2-TDMO-01 40340	1SNB040340R0412	191
MG2-TDMO-01 40341	1SNB040341R0416	191
MG2-TDMO-01 40390	1SNB040390R0412	191
MG2-TDMO-01 40391	1SNB040391R0416	191
MG2-TDMO-02 40440	1SNB040440R0412	191
MG2-TDMO-02 40441	1SNB040441R0416	191
MG2-TDMO-02 40490	1SNB040490R0412	191
MG2-TDMO-02 40491	1SNB040491R0416	191
MG2-TDMO-03 40540	1SNB040540R0412	191
MG2-TDMO-03 40541	1SNB040541R0416	191
MG2-TDMO-03 40590	1SNB040590R0412	191
MG2-TDMO-03 40591	1SNB040591R0416	191
MG2-TGT 991532	1SNB991532R0000	194
MG2-TLT 991522	1SNB991522R0000	194
MG2-TMT 991513	1SNB991513R0000	194
MG2-TST 991552	1SNB991552R0000	194
MG2-TTB 991512	1SNB991512R0000	194

Type	Order code	Page
MG2-TTD 991563	1SNB991563R0000	194
MG2-TWC 991502	1SNB991502R0000	194
MG2-TWT 991542	1SNB991542R0000	194
MG2-WTB 991004	1SNB991004R0000	194
MG3 KIT	1SNB419001R0000	194
MG-CPM 13 41740	1SNB041740R0512	174
MG-CPM 13 41741	1SNB041741R0612	180
MG-CPM-13 41790	1SNB041790R0512	174
MG-CPM-13 41791	1SNB041791R0612	180
PC8-10	1SNA163313R2400	162
PC8-2	1SNA116538R1700	162
PC8-3	1SNA116539R1000	162
PC8-4	1SNA116540R2500	162
PC8-R1	1SNA400711R0600	162
PC8-R2	1SNA400712R0700	162
PC8-R3	1SNA400713R0000	162
PC8-R4	1SNA400724R0300	162
PEN HOLDER	1SNA360098R1200	196
PG5	1SNK900401R0000	151
PG5-R1	1SNK900402R0000	151
PG5-R2	1SNK900403R0000	150
PL10	1SNK900621R0000	165
PL16	1SNK900622R0000	165
PL5	1SNK900618R0000	165
PL6	1SNK900619R0000	165
PL8	1SNK900620R0000	165
PR3.G2	1SNA164800R0300	137
PR3.Z2	1SNA174300R1700	136
PR30	1SNA173220R0500	136
PR4	1SNA168500R1200	138
PR5	1SNA168700R2200	138
PR50	1SNA178529R0400	137
PS-3	1SNK900650R0000	152
PT-3	1SNK900625R0000	170
RIB-B	1SNA235710R0600	193
RIB-R	1SNA235711R2300	193
RIB-RS	1SNA235718R0200	193
RILS	1SNK900627R0000	156
SC-JB8-2	1SNK900652R0000	167
SC-JB8-3	1SNK900653R0000	167
SC-JB8-4	1SNK900654R0000	167
SC-JB8-5	1SNK900655R0000	167
SERVICE KIT FOR AMS 500	1SNA360162R1600	196
SHB	1SNK900602R0000	156
SHBP	1SNK900601R0000	156
SHBS	1SNK900600R0000	164
SPDST1	1SNA360163R1700	196
SPRC 1	1SNA360010R1500	196
SPRC 10	1SNA360020R1700	196
SPRC 11	1SNA360021R0400	196
SPRC 13	1SNA360023R0600	196
SPRC 14	1SNA360024R0700	196
SPRC 15	1SNA360025R0000	196
SPRC 16	1SNA360026R0100	196
SPRC 21	1SNA360011R1500	196
SPRC 2	1SNA360031R0600	196
SPRC 26	1SNA360036R0300	196
SPRC 27	1SNA360037R0400	196
SPRC 28	1SNA360040R2300	196
SPRC 29	1SNA360038R1500	196
SPRC 30	1SNA360039R1600	186
SPRC 30-3	1SNA360039R1700	196
SPRC 4	1SNA360014R0500	196
SPRC 5	1SNA360015R0600	196
SPRC 6	1SNA360016R0700	196
SPRC 7	1SNA360017R0000	196
SPRC 8	1SNA360018R1100	196
SPRC 9	1SNA360019R1200	196
TC5	1SNK900200R0000	149

Type	Order code	Page
TC5-R1	1SNK900201R0000	149
TO3.5-100-INS	1SNK900644R0000	152
TO3.5-50	1SNK900640R0000	152
TO4-100	1SNK900641R0000	152
TO5.5-125	1SNK900642R0000	152
TO6.5-150	1SNK900643R0000	152
TP2	1SNK900203R0000	148
TP4	1SNK900205R0000	148
UMH	1SNK900611R0000	191
VRD-5	1SNK900626R0000	170
ZDP2.5-11	1SNK805011R0000	128
ZDP2.5-22	1SNK805012R0000	129
ZDP2.5-D1	1SNK805211R0000	131
ZDP2.5-D2	1SNK805210R0000	130
ZK10	1SNK710010R0000	25
ZK10-BL	1SNK710020R0000	25
ZK10-OR	1SNK710030R0000	25
ZK10-PE	1SNK710150R0000	35
ZK16	1SNK712010R0000	26
ZK16-BL	1SNK712020R0000	26
ZK16-PE	1SNK712150R0000	36
ZK2.5	1SNK705010R0000	17
ZK2.5-3P	1SNK705011R0000	18
ZK2.5-3P-BK	1SNK705073R0000	18
ZK2.5-3P-BL	1SNK705021R0000	18
ZK2.5-3P-GN	1SNK705068R0000	18
ZK2.5-3P-OR	1SNK705031R0000	18
ZK2.5-3P-RD	1SNK705069R0000	18
ZK2.5-3P-WH	1SNK705072R0000	18
ZK2.5-3P-YL	1SNK705067R0000	18
ZK2.5-4P	1SNK705012R0000	19
ZK2.5-4P-BK	1SNK705080R0000	19
ZK2.5-4P-BL	1SNK705022R0000	19
ZK2.5-4P-GN	1SNK705075R0000	19
ZK2.5-4P-OR	1SNK705032R0000	19
ZK2.5-4P-RD	1SNK705076R0000	19
ZK2.5-4P-WH	1SNK705079R0000	19
ZK2.5-4P-YL	1SNK705074R0000	19
ZK2.5-BK	1SNK705066R0000	17
ZK2.5-BL	1SNK705020R0000	17
ZK2.5-D1	1SNK705211R0000	43
ZK2.5-D1-PE	1SNK705250R0000	45
ZK2.5-D2	1SNK705210R0000	44
ZK2.5-D2-BL	1SNK705220R0000	42
ZK2.5-D2-PE	1SNK705212R0000	44
ZK2.5-GN	1SNK705061R0000	17
ZK2.5-OR	1SNK705030R0000	17
ZK2.5-S	1SNK705310R0000	37
ZK2.5-S-BL	1SNK705320R0000	37
ZK2.5-SF	1SNK706410R0000	40
ZK2.5-SF-R1	1SNK706411R0000	41
ZK2.5-SF-R3	1SNK706412R0000	41
ZK2.5-S-OR	1SNK705330R0000	37
ZK2.5-SP	1SNK705311R0000	39
ZK2.5-S-R1	1SNK706310R0000	38
ZK2.5-WH	1SNK705065R0000	17
ZK2.5-YL	1SNK705060R0000	17
ZK4	1SNK706010R0000	20
ZK4-3P	1SNK706011R0000	21
ZK4-3P-BL	1SNK706021R0000	21
ZK4-3P-OR	1SNK706031R0000	21
ZK4-4P	1SNK706012R0000	22
ZK4-4P-BL	1SNK706022R0000	22
ZK4-4P-OR	1SNK706032R0000	22
ZK4-BL	1SNK706020R0000	20

Index_1SNK160027C0201

Index

Type classification

Type	Order code	Page
ZK4-OR	1SNK706030R0000	20
ZK4-PE	1SNK706150R0000	30
ZK4-PE-3P	1SNK706151R0000	31
ZK4-PE-4P	1SNK706152R0000	32
ZK6	1SNK708010R0000	23
ZK6-3P	1SNK708011R0000	24
ZK6-3P-BL	1SNK708021R0000	24
ZK6-3P-OR	1SNK708031R0000	24
ZK6-BL	1SNK708020R0000	23
ZK6-OR	1SNK708030R0000	23
ZK6-PE	1SNK708150R0000	33
ZK6-PE-3P	1SNK708151R0000	34
ZS10	1SNK508010R0000	56
ZS10-BK	1SNK508066R0000	56
ZS10-BL	1SNK508020R0000	56
ZS10-BR	1SNK508064R0000	56
ZS10-GN	1SNK508061R0000	56
ZS10-OR	1SNK508030R0000	56
ZS10-PE	1SNK508150R0000	66
ZS10-PE-R1	1SNK508151R0000	124
ZS10-PR	1SNK508063R0000	56
ZS10-R1	1SNK508011R0000	123
ZS10-RD	1SNK508062R0000	56
ZS10-S	1SNK508315R0000	79
ZS10-S-BL	1SNK508320R0000	79
ZS10-SF	1SNK508418R0000	101
ZS10-SF-R1	1SNK508421R0000	102
ZS10-SF-R3	1SNK508422R0000	102
ZS10-SP	1SNK508316R0000	84
ZS10-S-R2	1SNK508417R0000	103
ZS10-ST	1SNK508310R0000	120
ZS10-ST-1	1SNK508312R0000	121
ZS10-ST-T4	1SNK508311R0000	122
ZS10-WH	1SNK508065R0000	56
ZS10-YL	1SNK508060R0000	56
ZS16	1SNK510010R0000	57
ZS16-BL	1SNK510020R0000	57
ZS16-OR	1SNK510030R0000	57
ZS16-PE	1SNK510150R0000	57
ZS25	1SNK512010R0000	58
ZS25-BL	1SNK512020R0000	58
ZS25-PE	1SNK512150R0000	68
ZS25-YL	1SNK512060R0000	58
ZS35	1SNK516010R0000	59
ZS35-BL	1SNK516020R0000	59
ZS35-OR	1SNK516030R0000	59
ZS35-PE	1SNK516150R0000	69
ZS35-PEN	1SNK516170R0000	70
ZS4	1SNK505010R0000	52
ZS4-BK	1SNK505066R0000	52
ZS4-BL	1SNK505020R0000	52
ZS4-BR	1SNK505064R0000	52
ZS4-D1	1SNK505211R0000	105
ZS4-D2	1SNK505210R0000	104
ZS4-D2-BL	1SNK505220R0000	104
ZS4-D2-OR	1SNK505230R0000	104
ZS4-D2-S	1SNK505315R0000	110
ZS4-D2-SF1	1SNK508425R0000	112
ZS4-D2-SF1-R1	1SNK508423R0000	113
ZS4-D2-SF1-R3	1SNK508424R0000	113
ZS4-D2-S-T2	1SNK505316R0000	111
ZS4-GN	1SNK505061R0000	52
ZS4-OR	1SNK505030R0000	52
ZS4-PE	1SNK505150R0000	62
ZS4-PE-R2	1SNK506153R0000	99
ZS4-PR	1SNK505063R0000	52
ZS4-R1	1SNK508013R0000	92
ZS4-R2	1SNK506013R0000	98
ZS4-RD	1SNK505062R0000	52

Type	Order code	Page
ZS4-S	1SNK505310R0000	73
ZS4-S-BL	1SNK505320R0000	73
ZS4-SF	1SNK506410R0000	94
ZS4-SF1	1SNK508410R0000	88
ZS4-SF1-R1	1SNK508412R0000	90
ZS4-SF1-R2	1SNK508413R0000	91
ZS4-SF1-R3	1SNK508414R0000	90
ZS4-SF1-R4	1SNK508415R0000	91
ZS4-SF1-T2	1SNK508411R0000	89
ZS4-SF-R1	1SNK506412R0000	96
ZS4-SF-R2	1SNK506413R0000	97
ZS4-SF-R3	1SNK506415R0000	96
ZS4-SF-R4	1SNK506416R0000	97
ZS4-SF-T2	1SNK506411R0000	95
ZS4-S-OR	1SNK505330R0000	73
ZS4-SP	1SNK505313R0000	80
ZS4-SP-R1	1SNK506313R0000	82
ZS4-SP-T2	1SNK505314R0000	81
ZS4-SP-T2-R1	1SNK506314R0000	83
ZS4-S-R1	1SNK506310R0000	75
ZS4-S-R1-BL	1SNK506320R0000	75
ZS4-S-R1-OR	1SNK506330R0000	75
ZS4-S-R2	1SNK506414R0000	100
ZS4-S-R3	1SNK508416R0000	93
ZS4-S-T2	1SNK505311R0000	74
ZS4-S-T2.3	1SNK505312R0000	74
ZS4-S-T2.3-R1	1SNK506312R0000	76
ZS4-S-T2-BL	1SNK505321R0000	74
ZS4-S-T2-OR	1SNK505331R0000	74
ZS4-S-T2-R1	1SNK506311R0000	76
ZS4-S-T2-R1-BL	1SNK506321R0000	76
ZS4-S-T2-R1-OR	1SNK506331R0000	76
ZS4-T3	1SNK505212R0000	114
ZS4-T3-R1	1SNK506213R0000	115
ZS4-WH	1SNK505065R0000	52
ZS4-YL	1SNK505060R0000	52
ZS6	1SNK506010R0000	53
ZS6-3S	1SNK506011R0000	54
ZS6-3S-BL	1SNK506021R0000	54
ZS6-3S-PE	1SNK506151R0000	64
ZS6-3S-YL	1SNK506067R0000	54
ZS6-4S	1SNK506012R0000	55
ZS6-4S-BL	1SNK506022R0000	55
ZS6-4S-PE	1SNK506152R0000	65
ZS6-4S-YL	1SNK506068R0000	55
ZS6-BK	1SNK506066R0000	53
ZS6-BL	1SNK506020R0000	53
ZS6-BR	1SNK506064R0000	53
ZS6-D1	1SNK506211R0000	107
ZS6-D1-PE	1SNK506250R0000	109
ZS6-D2	1SNK506210R0000	106
ZS6-D2-BL	1SNK506220R0000	106
ZS6-D2-OR	1SNK506230R0000	106
ZS6-D2-PE	1SNK506212R0000	108
ZS6-GN	1SNK506061R0000	53
ZS6-OR	1SNK506030R0000	53
ZS6-PE	1SNK506150R0000	63
ZS6-PR	1SNK506063R0000	53
ZS6-RD	1SNK506062R0000	53
ZS6-S	1SNK506315R0000	77
ZS6-S-4S-T2	1SNK506316R0000	78
ZS6-S-BL	1SNK506322R0000	77
ZS6-WH	1SNK506065R0000	53
ZS6-YL	1SNK506060R0000	53
ZS70	1SNK522010R0000	60
ZS70-BL	1SNK522020R0000	60
ZS70-PE	1SNK522150R0000	71
ZS70-YL	1SNK522060R0000	60
ZS95	1SNK526010R0000	61

Type	Order code	Page
ZS95-BL	1SNK526020R0000	61
ZS95-PE	1SNK526150R0000	72
ZS95-YL	1SNK526060R0000	61

SNK series, terminal blocks

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8

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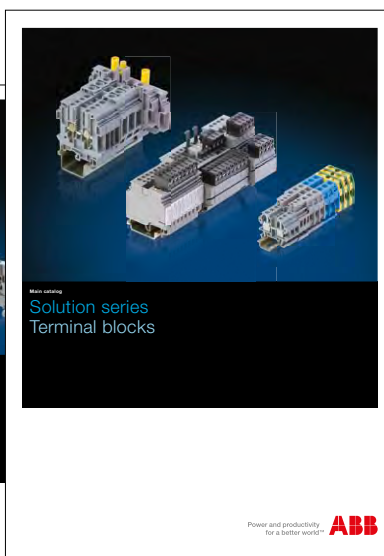
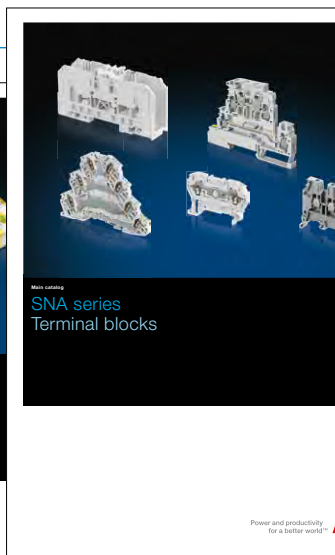
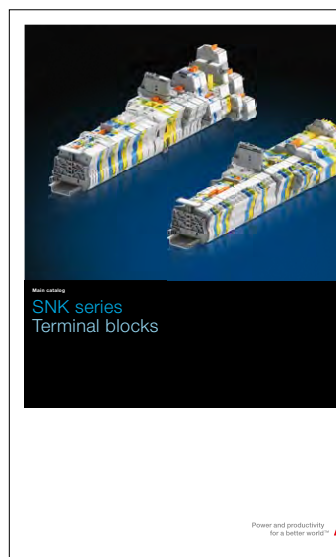
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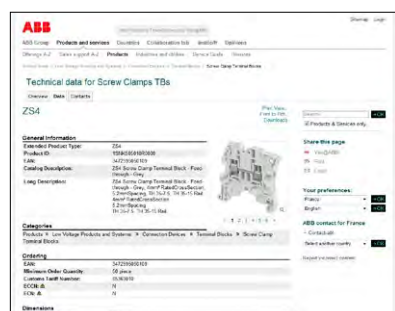
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