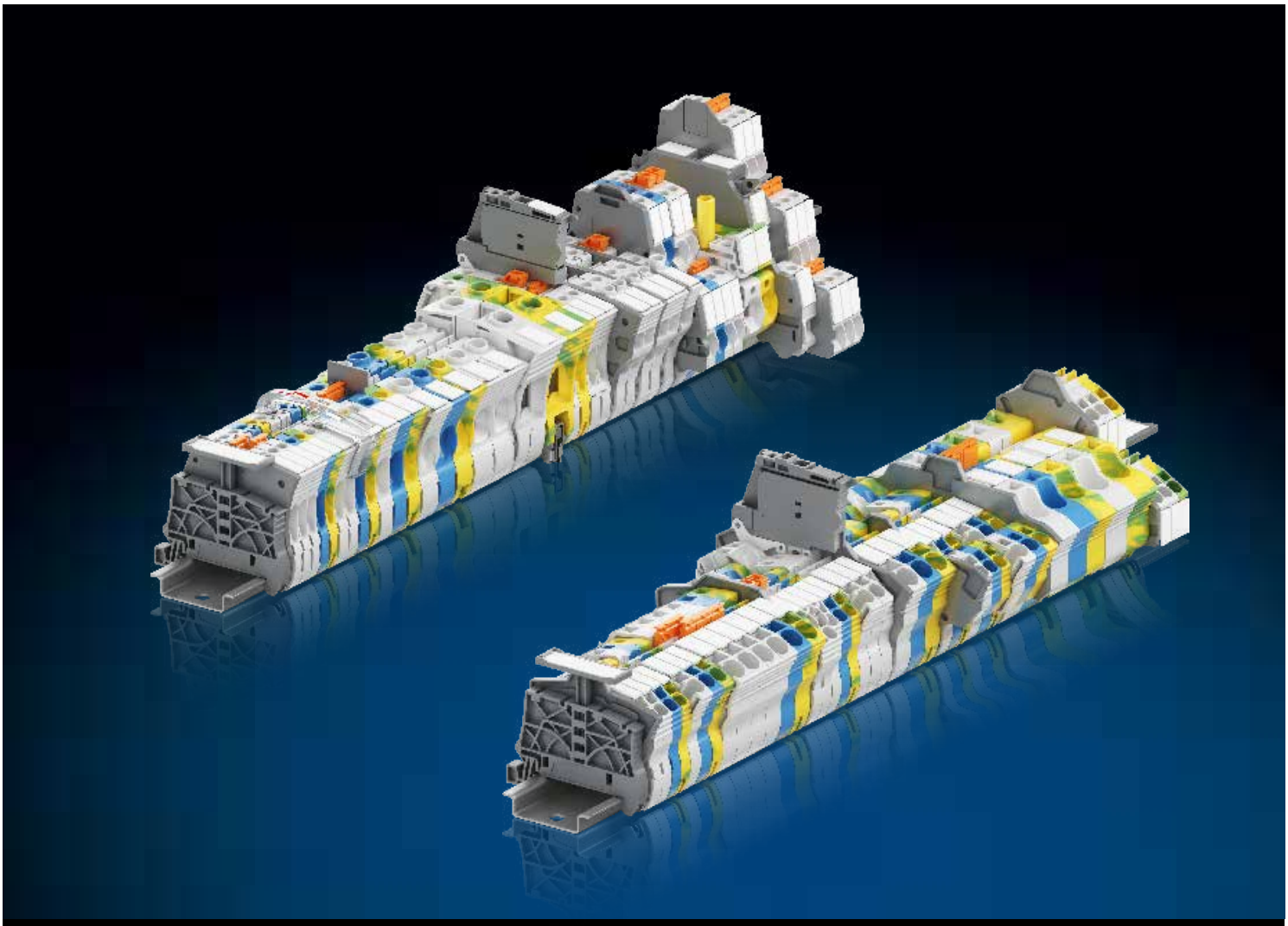

Main catalog

SNK series
Terminal blocks

Power and productivity
for a better world™

SNK series, terminal blocks, accessories, marking solutions

Ranges and technologies presentation 2 1

PI-Spring terminal blocks 11 2

Screw clamp terminal blocks 45 3

Pluggable terminal blocks 127 4

Accessories 135 5

Marking solutions 173 6

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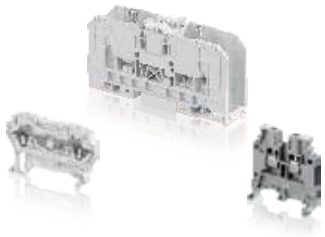
Marketing material 208 8

Summary_1

Connection devices offering

1

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

	SNA series		SNK series		Terminal blocks	
Purpose	**Standard industrial applications**		**Prefered terminal blocks for:** – **Standard and High standard industries** – **Building industry** – **Channel partners**		**Prefered terminal blocks and exclusive technologies for dedicated applications and markets (energy, railway, process automation, petro-chemical, etc.)**	
						
Product families & functions	**Screw**	Feed-through Multi-deck Ground Disconnect For fuses	**Screw**	Feed-through Multi-deck Ground Disconnect For fuses Test & measurement Marshalling	**Technologies**	Screw clamp Spring clamp ADO System® Pluggable Safety (spring loaded) Ring lug Stud Quick-connect
	Spring	Feed-through Double deck Ground Disconnect For fuses	**PI-Spring**	Feed-through Double deck Ground Disconnect For fuses	**Functions**	Protection: PEN, neutral switch Disconnect: multilevel, plugs, etc. For fuse protection Test & Measurement Sensor actuator For distribution boxes Space saving: miniblocks Power distribution Component holders
	Stud	Feed-through	**Pluggable PI-Spring**	Feed-through 1 or 2 circuits		
Main catalogs	**SNA series, terminal blocks**		**SNK series, terminal blocks**		**Solution series, terminal blocks**	
Interactive catalogs: Flash QR code						

Web

www.abb.com/lowvoltage
catalogs, brochures, technical datasheets, certificates, approvals

PI-Spring terminal blocks
www.abb.com/connecttocontrol
catalogs, videos, presentations, drawings, tools

	Solution series		
	ESSAILEC®	**Interfast**	**Marking**
	Test blocks for safe and reliable testing on CT and VT (current and voltage transformers) secondary circuits	**PLC pre-wiring system for fast, flexible, reliable connection of PLC's in process automation applications**	**Markers & marking systems for all identification requirements in electrical panels**
	Current sockets & plugs Voltage sockets & plugs Polarity sockets & plugs Trip sockets & plugs Multicircuits sockets & plugs Coding accessories Protection covers Etc.	Interfast PCB: Compact & standard modules Interfast MS: Modular system based on terminal block technology Functions: – 1 to 4 wire connections (sensors) – Disconnect – Fuse – Signal indication – Relays – Optocouplers – Solenoid valve control – Galvanic isolation (2.5 kV)	Terminal block identification and group markers Wire and cable identification Component and equipment identification Panel identification Pre-printed markers for terminal blocks
	ESSAILEC®, test blocks	**Interface modules & selection guides**	**Marking solutions**
		 www.web-emedia.com/interfast	

http://abb-control-products.partcommunity.com
3D & 2D drawings download

1SNC160052S0201 - Rev. C

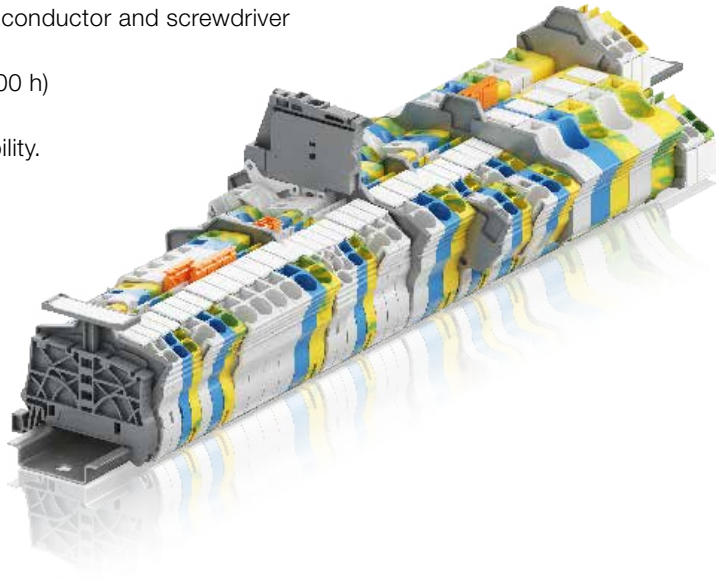
SNK series, terminal blocks
PI-Spring and Screw clamp technologies

1

Smart
Connections

PI-Spring technology

– 2 technologies in 1 connection: push-in and spring
– Retightening screws is no longer required
– Easy and safe insertion of both conductor and screwdriver
– Excellent pulling strength
– High corrosion resistance (> 1000 h)
– Shock and vibration proof
– Excellent electrical contact stability.



Smart
Logistics

Common accessories

Compact screwless and screw end stops

Plug-in insulated jumpers

Cross spacing jumpers

PI-Spring and Screw clamp

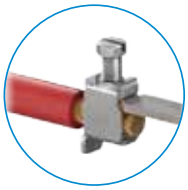
Smart
Design

Installation is optimized and secured

Asymmetrical Design
avoids mounting errors

Engineered conductor entry
for ease of wiring

Screw clamp technology



- High torque resistance
- The retightening campaigns are not needed anymore thanks to the ABB exclusive anti-release system
- Hardened steel makes the connection very reliable
- Flap avoiding the insertion of cable underneath the clamp.

Testing devices

Screwless component plugs

Blank and pre-marked markers

technologies terminal blocks

Fewer parts to stock
with common end sections

Convenient jumpering system
up to 50 poles, divisible

Clear terminal block identification
Top large marker. Hand pre-marking before final marker installation

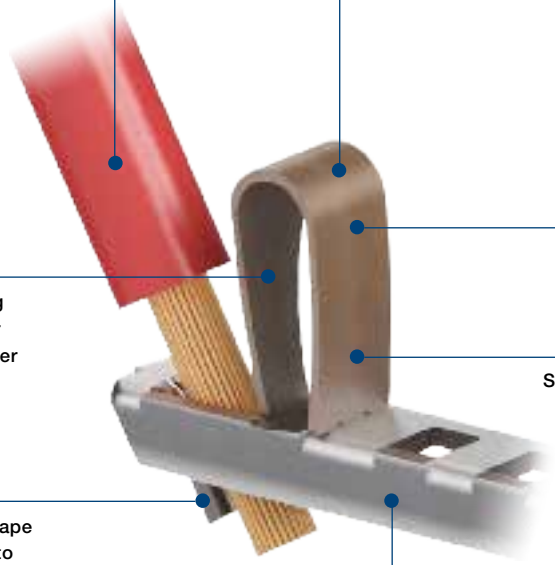
ABB PI-Spring technology
Two technologies in one connection

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

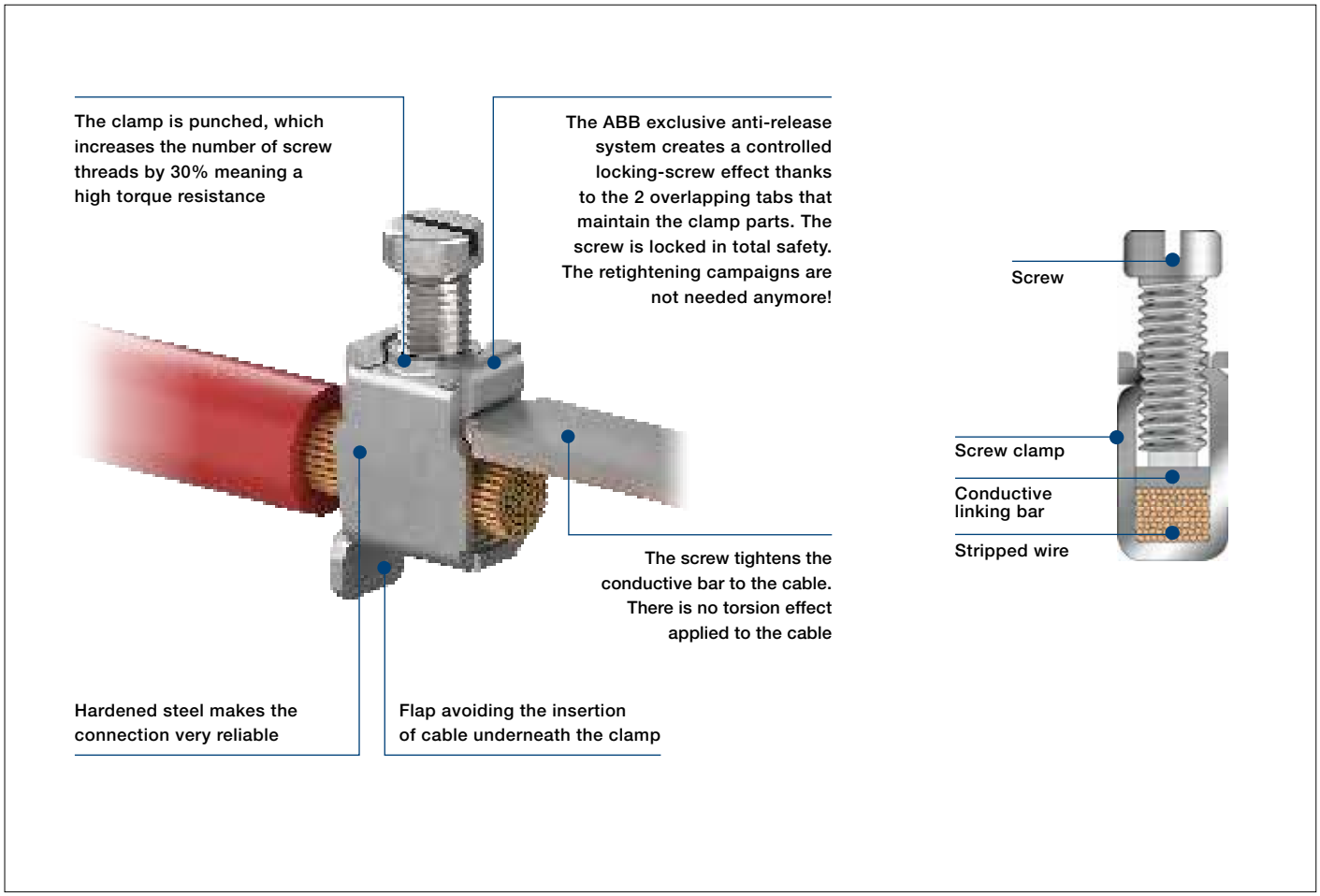
1SNK162052S0201

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 avoids accidental releases due to vibrations, shocks or even abusive cable draw.

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

Features



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

1SNK161087S0201

SNK series, terminal blocks
Applications

1

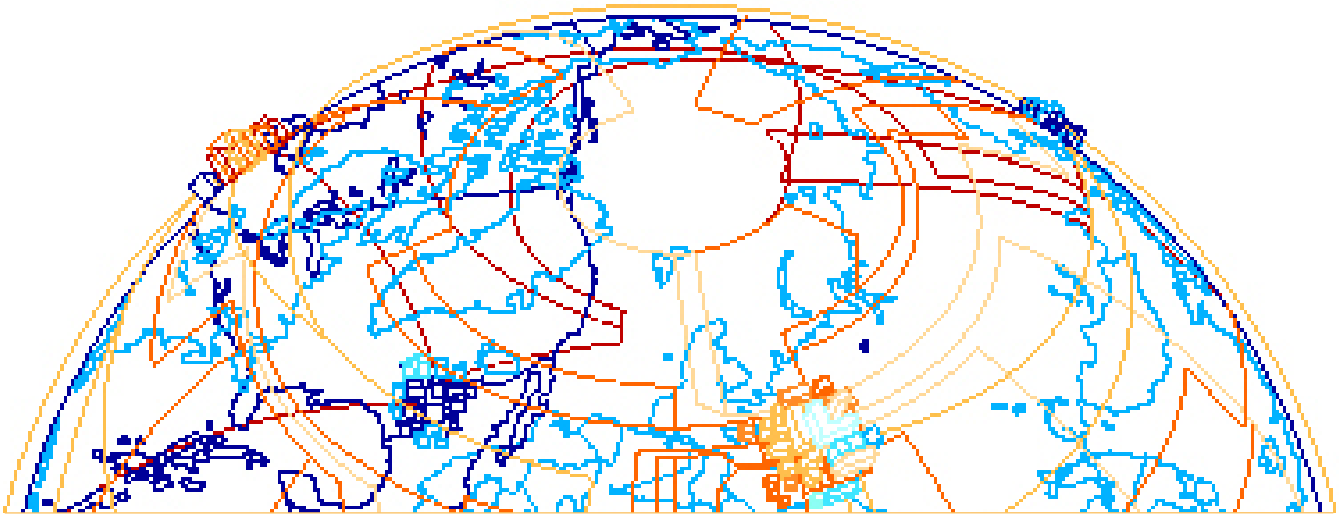
Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion…

Industry and Commercial

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

Solar

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



1SNK160082S0201 - Rev. A

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 R22 per EN 45 545 standard and V0 per UL94 standard.
It complies with NFPA 130 per ASTM E 162 and ASTM E 662 standards tests and with FR238.103 and BSS 7239 standards.
The IRIS certificate guarantees the respect of international railway industry requirements.

IRIS Certification

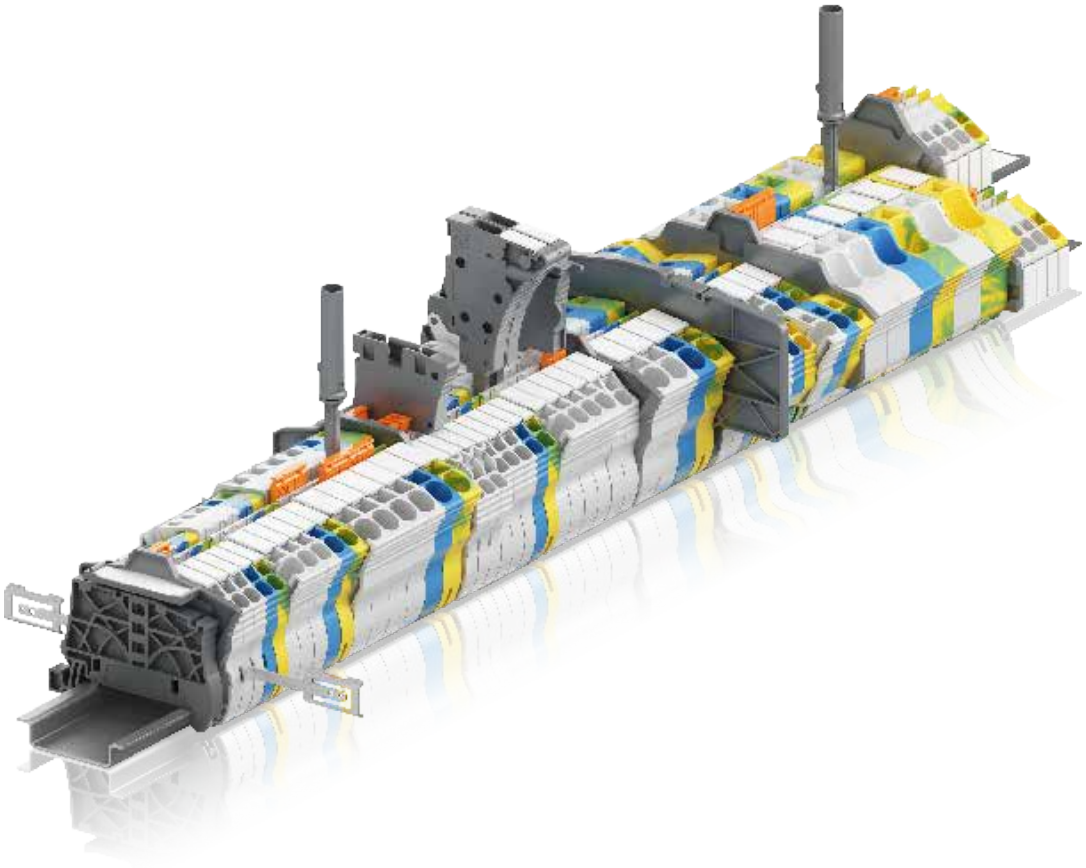
Hazardous locations

SNK series is certified IEC Ex in accordance with IEC 60079-0 and IEC 60079-7 (increased safety "Exe") world international standards for products used in explosive atmospheres.
In order to serve specific local market requirements, some SNK products have additional local certifications such as: ATEX, UL hazardous Locations or BR-Ex…
SNK products have successfully passed toughest tests like the thermal endurance test: 2 weeks in hot environment at 95 °C (+90% RH) followed by 2 weeks at 125 °C and one day cold environment test (-65 °C).
This proves the high mechanical performances of the SNK products.

hazloc

Marine

SNK products have proven their performance by successfully passing tests required for the most extreme conditions. (eg: salt mist, damp or dry heat and cold environments) per IEC 60068 standards.
In order to serve the worldwide marine markets requirements, SNK products have the following Marine certifications: BV Marine, DNV, RINA, RMRS.



SNK series, terminal blocks
PI-Spring technology

Technologies presentation 12
Overview 14

Feed-through

2.5 mm² / *12 AWG*	**ZK2.5**		15
	ZK2.5-3P	with 3 connections	16
	ZK2.5-4P	with 4 connections	17
4 mm² / *10 AWG*	**ZK4**		18
	ZK4-3P	with 3 connections	19
	ZK4-4P	with 4 connections	20
6 mm² / *8 AWG*	**ZK6**		21
	ZK6-3P	with 3 connections	22
10 mm² / *6 AWG*	**ZK10**		23
16 mm² / *4 AWG*	**ZK16**		24

Ground

2.5 mm² / *12* AWG	**ZK2.5-PE**		25
	ZK2.5-PE-3P	with 3 connections	26
	ZP2.5-PE-4P	with 4 connections	27
4 mm² / *10 AWG*	**ZK4-PE**		28
	ZK4-PE-3P	with 3 connections	29
	ZK4-PE-4P	with 4 connections	30
6 mm² / *8 AWG*	**ZK6-PE**		31
	ZK6-PE-3P	with 3 connections	32
10 mm² / *6 AWG*	**ZK10-PE**		33
16 mm² / *4 AWG*	**ZK16-PE**		34

Disconnect with blade

2.5 mm² / *12 AWG*	**ZK2.5-S**	with test sockets	35
	ZK2.5-S-R1		36

Disconnect with plug

2.5 mm² / *12 AWG*	**ZK2.5-SP**	with test sockets	37

For 5x20 fuses

2.5 mm² / *12 AWG*	**ZK2.5-SF**		38
	ZK2.5-SF-R	with blown fuse indicator	39

Double deck

2.5 mm² / *12 AWG*	**ZK2.5-D2**	2 feed-through circuits	40
	ZK2.5-D1	1 feed-through circuit	41
	ZK2.5-D2-PE	1 feed-through circuit and 1 ground circuit	42
	ZK2.5-D1-PE	1 ground circuit	43

SNK series, terminal blocks
PI-Spring technology

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

1SNK162051S0201 - Rev. A

Selection is simplified, stocking is significantly reduced

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

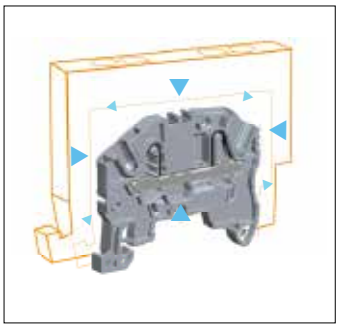
- Stock only one range, get two connection modes (Push-in and spring)
- The user selects one range which has global certifications and access to markets and applications worldwide.

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.

Installation is optimized and secured

Asymmetrical design avoid mounting errors



Compact terminal blocks

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

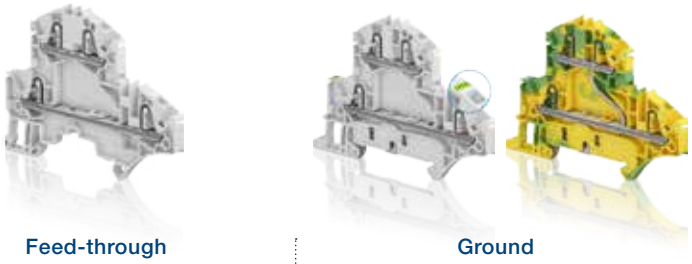
- Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
- Spare markers re-printing as well in case of modifications.

Clear terminal block identification

1SNK162051S0201 - Rev. A

SNK series, terminal blocks
PI-Spring technology

		Feed-through			Ground		
Section							
2.5 mm²	*12 AWG*	ZK2.5	ZK2.5-3P	ZK2.5-4P	ZK2.5-PE	ZK2.5-PE-3P	ZK2.5-PE 4P
4 mm²	*10 AWG*	ZK4	ZK4-3P	ZK4-4P	ZK4-PE	ZK4-PE-3P	ZK4-PE- 4P
6 mm²	*8 AWG*	ZK6	ZK6-3P		ZK6-PE	ZK6-PE-3P	
10 mm²	*6 AWG*	ZK10			ZK10-PE		
16 mm²	*4 AWG*	ZK16			ZK16-PE		



Double deck		Feed-through		Ground	
Section					
2.5 mm²	*12 AWG*	ZK2.5-D2	ZK2.5-D1	ZK2.5-D2-PE	ZK2.5-D1-PE

Disconnect		With blade	With plug	For 5x20 mm fuses		Aligned with ZK2.5-SF
Section						
2.5 mm²	*12 AWG*	ZK2.5-S	ZK2.5-SP	ZK2.5-SF	ZK2.5-SF-R1	ZK2.5-S-R1
					ZK2.5-SF-R3	

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

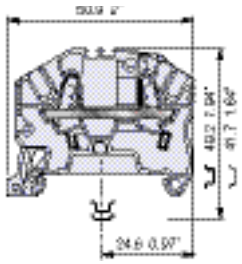
Clamp - Channels for jumpering or testing - Test socket - Blown-fuse indicator

1SNK162020S0201

ZK2.5 PI-Spring terminal blocks
Feed-through - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

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	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	*26 ... 20 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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**	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	**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	**Cross spacing jumpers**			Orange	JB85-3	1SNK900603R0000		10	2.80
5	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R2	1SNK900106R0000		20	3.84
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
8	**Shield connectors**				SHBP	1SNK900601R0000		20	4.12
9	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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 italic.

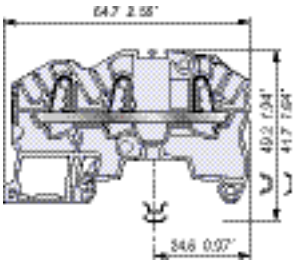
1SNK162023S0201

ZK2.5-3P PI-Spring terminal blocks
Feed-through with 3 connections - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

2

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

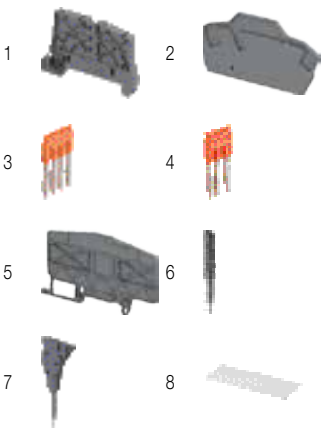
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*26 ... 12 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
2 conductors per clamp	Flexible with twin 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		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		20	5.30
2	**End sections**	2 mm	*0.079 in*	Dark grey	EK2.5-3P	1SNK705911R0000		20	2.42
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	**Cross spacing jumpers**			Orange	JB85-3	1SNK900603R0000		10	2.80
5	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000		20	6.44
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
8	**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.

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 italic.

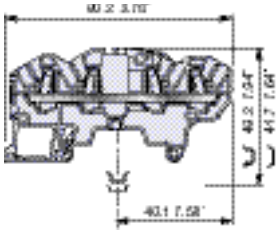
1SNK162024S0201

ZK2.5-4P PI-Spring terminal blocks
Feed-through with 4 connections - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

1SNK162070V0014

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

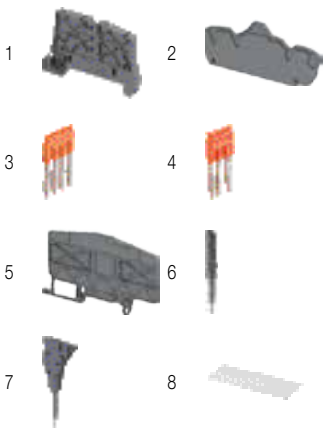
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*26 ... 12 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
2 conductors per clamp	Flexible with twin 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		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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**	End stops	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000	20	5.30
2	**End sections**	2 mm	*0.079 in*	Dark grey	EK2.5-4P	1SNK705912R0000	20	2.68
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	**Cross spacing jumpers**			Orange	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000	20	6.44
6	**Test adapters**	For test plugs DIA 2 mm	*0.079 in*	Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm	*0.157 in*		TP4	1SNK900205R0000	20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000	10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000	10	5.23
8	**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.

Ground PI-Spring terminal blocks

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

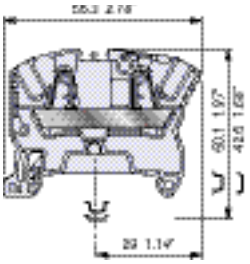
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162025S0201

ZK4 PI-Spring terminal blocks
Feed-through - 6 mm *0.236 in* spacing

4 mm²	
10 AWG	

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	
	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		693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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

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	EK2.5	1SNK705910R0000		20	1.76
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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
4	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R2	1SNK900106R0000		20	3.84
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.

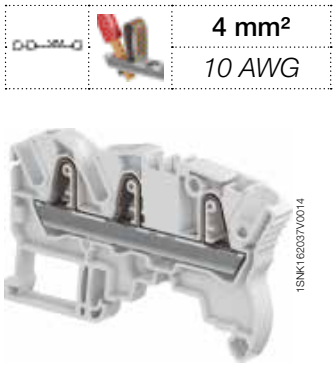
Ground PI-Spring terminal blocks

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

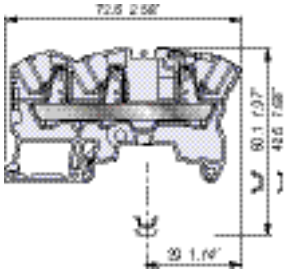
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162026S0201

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

4 mm²
10 AWG

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

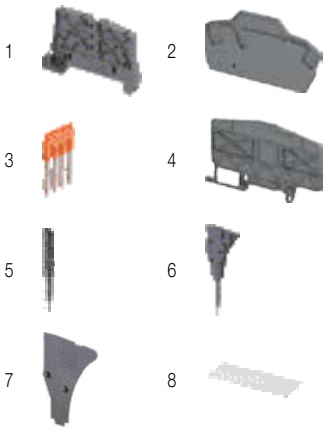
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	*26 ... 10 AWG*
	Flexible	0.5 ... 4 mm²	
	with non insulated ferrule	0.5 ... 4 mm²	*26 ... 12 AWG*
	with insulated ferrule	0.5 ... 4 mm²	*26 ... 12 AWG*
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 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		693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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

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	EK2.5-3P	1SNK705911R0000	20	2.42
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
		50 poles			JB6-50	1SNK906350R0000	10	38.10
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*	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.

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

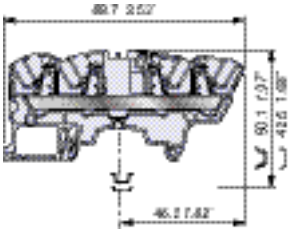
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162027S0201

ZK4-4P PI-Spring terminal blocks
Feed-through with 4 connections - 6 mm *0.236 in* spacing

4 mm²
10 AWG

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

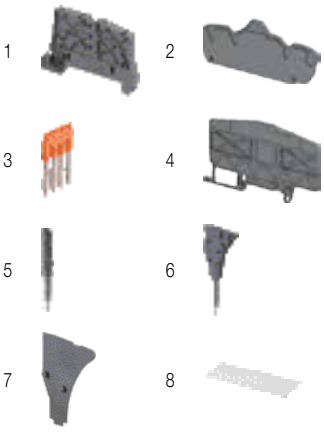
Main technical data

Connecting capacity		IEC	*UL - CSA*
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*
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		693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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



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	EK2.5-4P	1SNK705912R0000		20	2.68
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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
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*	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.

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

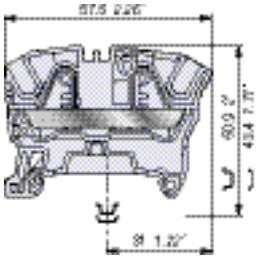
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162028S0201

ZK6 PI-Spring terminal blocks
Feed-through - 8 mm *0.315 in* spacing

6 mm²
8 AWG

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

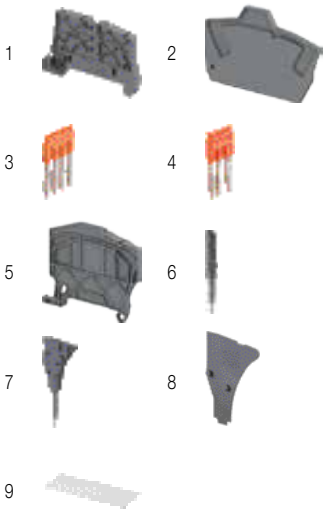
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 8 AWG*
	Flexible	0.5 ... 6 mm²	
	with non insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 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		693 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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

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	EK2.5	1SNK705910R0000		20	1.76
3	**Jumper bars**	2 poles	57 A	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles			JB8-3	1SNK908303R0000		50	4.10
		4 poles			JB8-4	1SNK908304R0000		50	5.60
		5 poles			JB8-5	1SNK908305R0000		40	7.00
		10 poles			JB8-10	1SNK908310R0000		20	14.20
4	**Cross spacing jumpers**			Orange	JB85-3	1SNK900603R0000		10	2.80
5	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R2	1SNK900106R0000		20	3.84
6	**Test adapters**	For test plugs DIA 2 mm	*0.079 in*	Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm	*0.157 in*		TP4	1SNK900205R0000		20	2.41
7	**Test connectors**	End module, 5.2 mm	*0.205 in*	Dark grey	TC5-R1	1SNK900201R0000		10	5.23
8	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
9	**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.

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

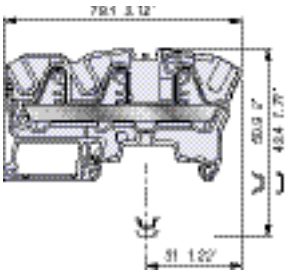
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK6-3P PI-Spring terminal blocks
Feed-through with 3 connections - 8 mm *0.315 in* spacing

6 mm²
8 AWG

1SNK162049V0014

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

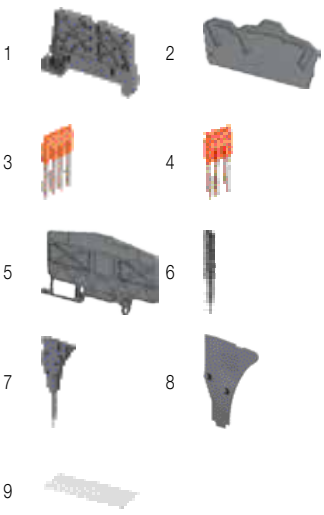
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 8 AWG*
	Flexible	0.5 ... 6 mm²	
	with non insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1.5 mm²	*24 ... 16 AWG*
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		693 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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

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	EK6-3P	1SNK708911R0000		20	2.79
3	**Jumper bars**	2 poles	57 A	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles			JB8-3	1SNK908303R0000		50	4.10
		4 poles			JB8-4	1SNK908304R0000		50	5.60
		5 poles			JB8-5	1SNK908305R0000		40	7.00
		10 poles			JB8-10	1SNK908310R0000		20	14.20
4	**Cross spacing jumpers**			Orange	JB85-3	1SNK900603R0000		10	2.80
5	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000		20	6.44
6	**Test adapters**	For test plugs DIA 2 mm	*0.079 in*	Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm	*0.157 in*		TP4	1SNK900205R0000		20	2.41
7	**Test connectors**	End module, 5.2 mm	*0.205 in*	Dark grey	TC5-R1	1SNK900201R0000		10	5.23
8	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
9	**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.

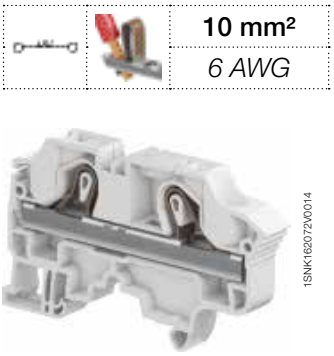
Ground PI-Spring terminal blocks

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

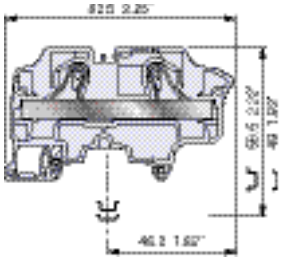
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162030S0201

ZK10 PI-Spring terminal blocks
Feed-through - 10 mm *0.394 in* spacing



ZK10



10 mm *0.394 in* spacing

10 mm²
6 AWG

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

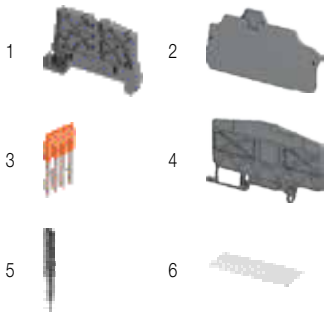
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	*20 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*20 ... 8 AWG*
	with insulated ferrule	0.5 ... 10 mm²	*20 ... 8 AWG*
2 conductors per clamp	Flexible with twin ferrule	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		693 V 51 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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

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
		3 poles			JB10-3	1SNK910303R0000	50	7.10
		4 poles			JB10-4	1SNK910304R0000	40	9.40
		5 poles			JB10-5	1SNK910305R0000	30	12.00
		10 poles			JB10-10	1SNK910310R0000	20	24.00
4	**Circuit separators**	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*		Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000	20	2.41
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.

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

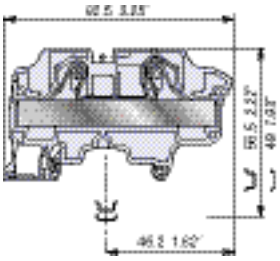
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162031S0201

ZK16 PI-Spring terminal blocks
Feed-through - 12 mm *0.472 in* spacing

16 mm²	
4 AWG	

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 pce	Weight (1 pce) g
Feed-through	2 connections	Grey	ZK16	1SNK712010R0000		20	33.80
		Blue	ZK16-BL	1SNK712020R0000		20	33.80

Main technical data

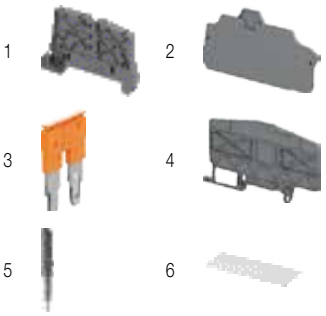
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	*20 ... 4 AWG*
	Flexible	0.5 ... 16 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	*20 ... 6 AWG*
	with insulated ferrule	0.5 ... 16 mm²	*20 ... 6 AWG*
2 conductors per clamp	Flexible with twin ferrule	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		693 V 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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

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	JB12-2	1SNK912302R0000		50	4.86
		3 poles			JB12-3	1SNK912303R0000		50	7.55
		5 poles			JB12-5	1SNK912305R0000		20	12.93
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*	Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm	*0.157 in*		TP4	1SNK900205R0000		20	2.41
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.

Ground PI-Spring terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
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.

1SNK162032S0201

ZK2.5-PE PI-Spring terminal blocks

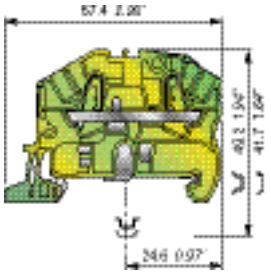
Ground - 5.2 mm *0.205 in* spacing

2.5 mm²

12 AWG

1SNK162081V0014

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

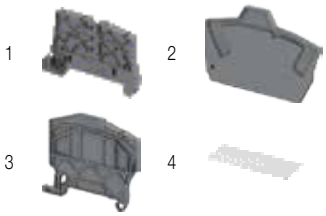
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*26 ... 12 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated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

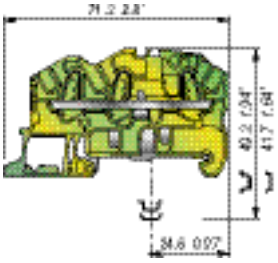
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162039S0201

ZK2.5-PE-3P PI-Spring terminal blocks
Ground with 3 connections - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

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

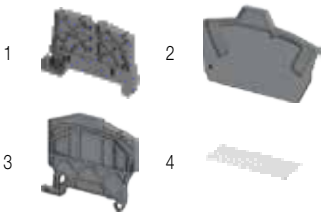
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*26 ... 12 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated short-time withstand current (1s)		300 A	*396 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIC/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**	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-R3	1SNK900107R0000		20	6.44
4	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

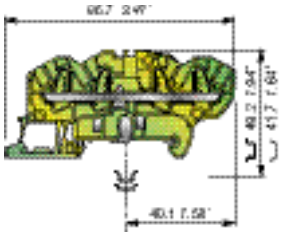
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK2.5-PE-4P PI-Spring terminal blocks
Ground with 4 connections - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

1SNK162032V0014

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

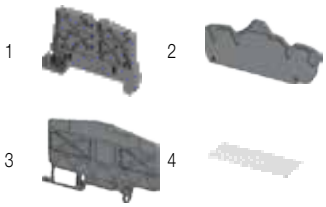
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*26 ... 12 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated short-time withstand current (1s)		300 A	*396 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIC/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**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		20	5.30
2	**End sections**	2 mm	*0.079 in*	Dark grey	EK2.5-4P	1SNK705912R0000		20	2.68
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000		20	6.44
4	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

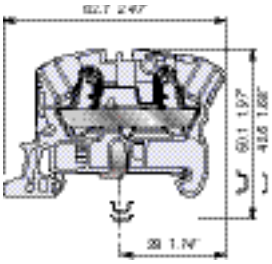
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162041S0201

ZK4-PE PI-Spring terminal blocks
Ground - 6 mm *0.236 in* spacing

		4 mm²
		10 AWG

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 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/IIC/IIIC	

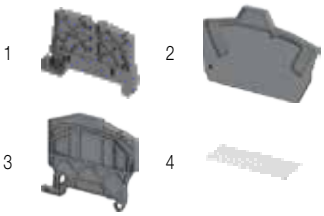
Mounting instructions

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

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	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	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.

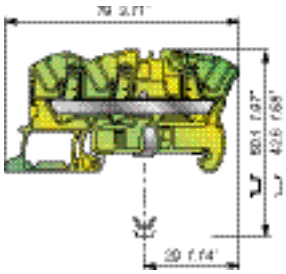
1SNK162042S0201

ZK4-PE-3P PI-Spring terminal blocks
Ground with 3 connections - 6 mm *0.236 in* spacing

4 mm²
10 AWG

1SNK162040V0014

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

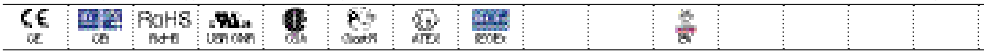
Main technical data

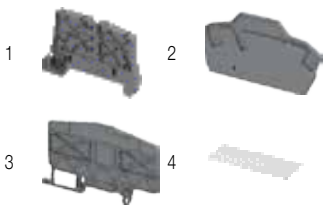
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	*26 ... 10 AWG*
	Flexible	0.5 ... 4 mm²	
	with non insulated ferrule	0.5 ... 4 mm²	*26 ... 12 AWG*
	with insulated ferrule	0.5 ... 4 mm²	*26 ... 12 AWG*
Rated cross section		4 mm²	*10 AWG*
Rated short-time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





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	EK2.5-3P	1SNK705911R0000		20	2.42
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000		20	6.44
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.

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

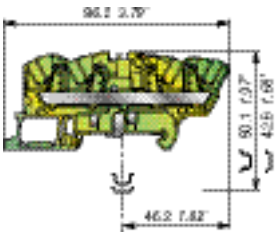
1SNK162043S0201

ZK4-PE-4P PI-Spring terminal blocks
Ground with 4 connections - 6 mm *0.236 in* spacing

4 mm²
10 AWG

2

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

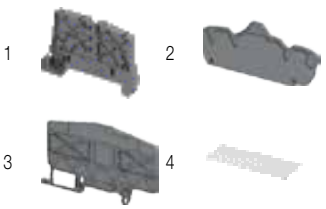
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	*26 ... 10 AWG*
	Flexible	0.5 ... 4 mm²	
	with non insulated ferrule	0.5 ... 4 mm²	*26 ... 12 AWG*
	with insulated ferrule	0.5 ... 4 mm²	*26 ... 12 AWG*
Rated cross section		4 mm²	*10 AWG*
Rated short-time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

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	EK2.5-4P	1SNK705912R0000		20	2.68
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000		20	6.44
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.

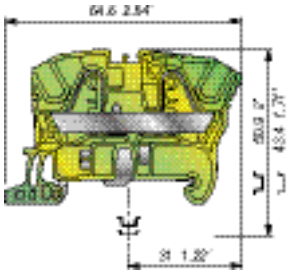
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162044S0201

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

6 mm²
8 AWG

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

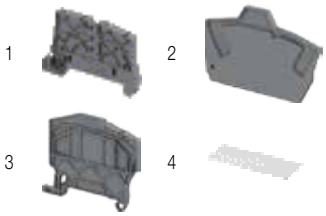
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 8 AWG*
	Flexible	0.5 ... 6 mm²	
	with non insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
Rated cross section		6 mm²	*8 AWG*
Rated short-time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

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	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.

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

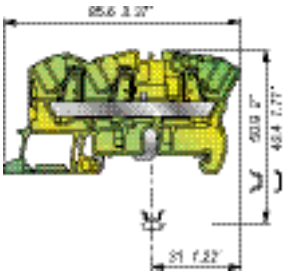
ZK6-PE-3P PI-Spring terminal blocks
Ground with 3 connections - 8 mm *0.315 in* spacing

6 mm²
8 AWG

2

1SNK162082V0014

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

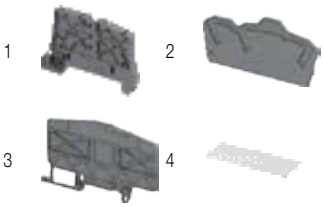
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 8 AWG*
	Flexible	0.5 ... 6 mm²	
	with non insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
Rated cross section		6 mm²	*8 AWG*
Rated short-time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

Accessories



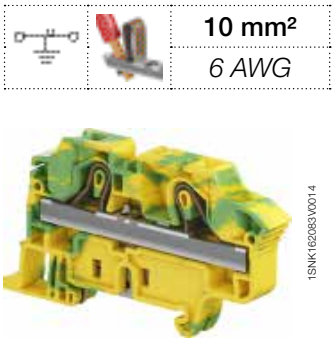
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		20	5.30
2	**End sections**	2 mm	*0.079 in*	Dark grey	EK6-3P	1SNK708911R0000		20	2.79
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R3	1SNK900107R0000		20	6.44
4	**Terminal 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.

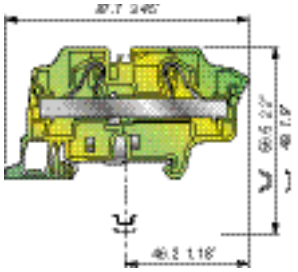
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162046S0201

ZK10-PE PI-Spring terminal blocks
Ground - 10 mm *0.394 in* spacing



ZK10-PE



10 mm *0.394 in* spacing

10 mm²
6 AWG

Description

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

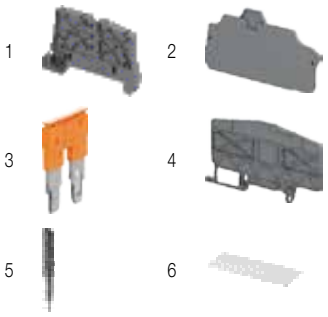
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	*20 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*20 ... 8 AWG*
	with insulated ferrule	0.5 ... 10 mm²	*20 ... 8 AWG*
Rated cross section		10 mm²	*6 AWG*
Rated short-time withstand current (1s)		1200 A	*1596 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/IIC/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

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*	Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm	*0.157 in*		TP4	1SNK900205R0000		20	2.41
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.

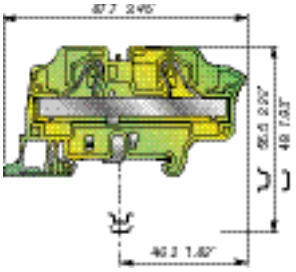
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZK16-PE PI-Spring terminal blocks
Ground - 12 mm *0.472 in* spacing

16 mm²
4 AWG

2

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

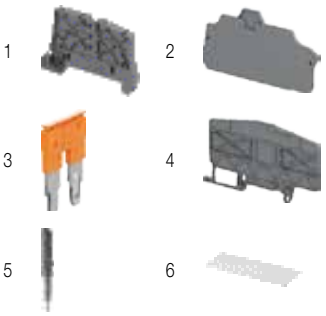
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	*20 ... 4 AWG*
	Flexible	0.5 ... 16 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	*20 ... 6 AWG*
	with insulated ferrule	0.5 ... 16 mm²	*20 ... 6 AWG*
Rated cross section		16 mm²	*4 AWG*
Rated short-time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

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	JB12-2	1SNK912302R0000		50	4.86
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*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
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.

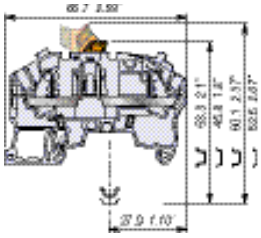
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162048S0201

ZK2.5-S PI-Spring terminal blocks
Disconnect with blade - with test sockets - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

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 pce	Weight (1 pce) g
Disconnect	with 2 test sockets DIA 2 mm *0.079 in*	Grey	ZK2.5-S	1SNK705310R0000		50	8.10
		Blue	ZK2.5-S-BL	1SNK705320R0000		50	8.10
		Orange	ZK2.5-S-OR	1SNK705330R0000		50	8.10

Main technical data

Connecting capacity		IEC	*UL - CSA*
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		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*

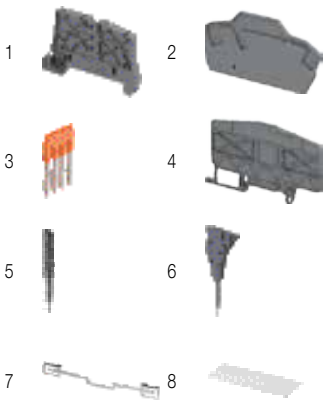
Mounting instructions

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

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	EK2.5-3P	1SNK705911R0000		20	2.42
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	**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*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
7	**Shield connectors**				SHBP	1SNK900601R0000		20	4.12
8	**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.

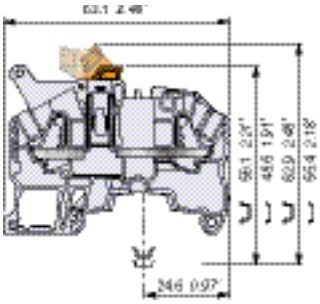
1SNK162036S0201

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

ZK2.5-S-R1 PI-Spring terminal blocks
Disconnect with blade - 6 mm *0.236 in* spacing

2.5 mm²
12 AWG

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 pce	Weight (1 pce) g
Disconnect	Profile aligned with ZK2.5-SF	Grey	ZK2.5-S-R1	1SNK706310R0000		50	8.90

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	
	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*

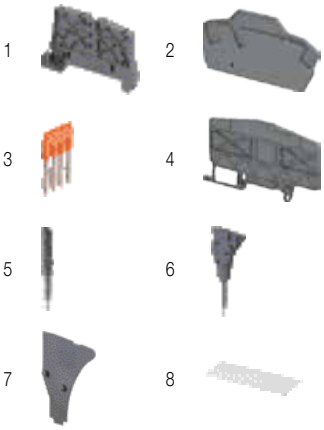
Mounting instructions

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

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	EK2.5-3P	1SNK705911R0000		20	2.42
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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
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*	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.

ZK4-3P

ZK2.5-SF

PI-Spring terminal blocks

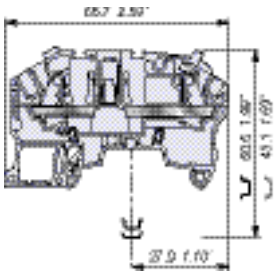
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through		Grey	ZK4-3P	1SNK706011R0000		50	11.00
Fuse		Grey, dark grey	ZK2.5-SF	1SNK706410R0000		50	16.20

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

1SNK162037S0201

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

2.5 mm²
12 AWG

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

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	EK2.5-3P	1SNK705911R0000		20	2.42
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	**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*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
7	**Shield connectors**				SHBP	1SNK900601R0000		20	4.12
8	**Component plugs**	Components in series with circuit		Dark grey	PG5	1SNK900401R0000		20	3.45
9	**Disconnect plugs**	Equipped with linking bar		Orange	PG5-R1	1SNK900402R0000		20	3.45
10	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

1SNK162038S0201

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

ZK2.5-SF PI-Spring terminal blocks
For 5x20 fuses - 6 mm *0.236 in* spacing

	2.5 mm²
	12 AWG

1SNK162090V0014

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	
	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

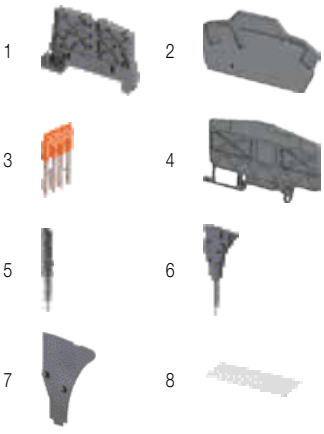
Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.433 in*
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

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

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	EK2.5-3P	1SNK705911R0000		20	2.42
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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
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*		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

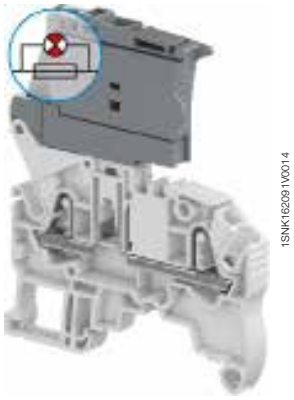
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

1SNK162021S0201

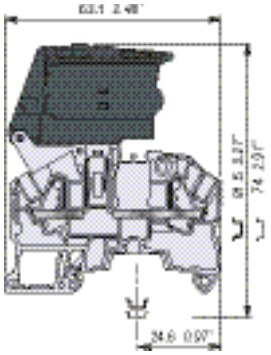
ZK2.5-SF-R PI-Spring terminal blocks
For 5x20 fuses - with blown fuse indicator - 6 mm *0.236 in* spacing

2.5 mm²
12 AWG



1SNK162091W0014

ZK2.5-SF-R



6 mm *0.236 in* spacing

Description

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

Ordering details

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

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	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

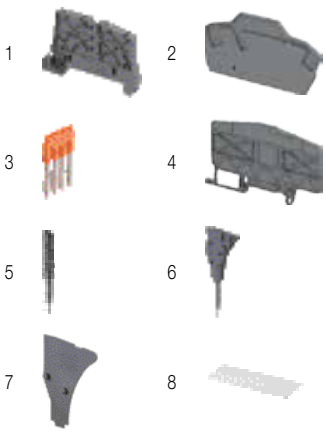
Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.433 in*
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*

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

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	EK2.5-3P	1SNK705911R0000		20	2.42
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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
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*	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.

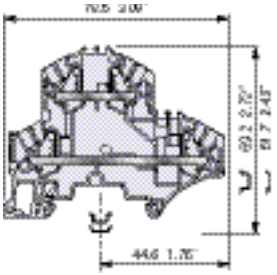
1SNK162022S0201

ZK2.5-D2 PI-Spring terminal blocks
Double deck with 2 feed-through circuits - 5.2 mm *0.205 in* spacing

	2.5 mm²
	12 AWG

1SNK162060V0014

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*
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	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		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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**	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.

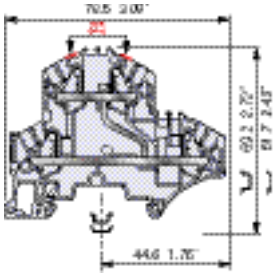
1SNK162033S0201

ZK2.5-D1 PI-Spring terminal blocks
Double deck with 1 feed-through circuit - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

1SNK162078W0014

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	*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	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		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/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**	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

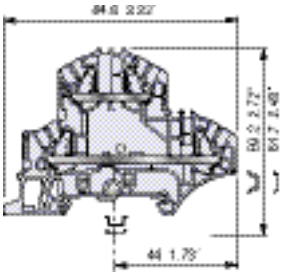
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK162035S0201

ZK2.5-D2-PE PI-Spring terminal blocks
Double deck with 1 feed-through circuit and 1 ground circuit
5.2 mm *0.205 in* spacing

	2.5 mm²
	12 AWG

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	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*
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		693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC	

Mounting instructions

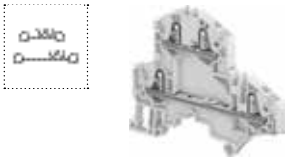
Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.433 in*
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø *0.138 in*

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**	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	Grey	ZK2.5-D2	1SNK705210R0000		50	11.20

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

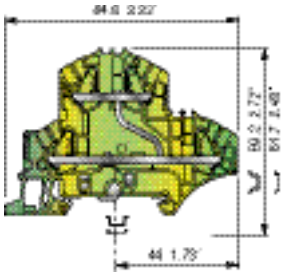
1SNK162034S0201

ZK2.5-D1-PE PI-Spring terminal blocks
Double deck with 1 ground circuit - 5.2 mm *0.205 in* spacing

2.5 mm²
12 AWG

1SNK162080V0014

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

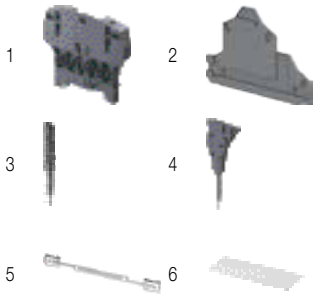
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*26 ... 12 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*26 ... 14 AWG*
Rated cross section		2.5 mm²	*12 AWG*
Rated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

1SNK162049S0201

SNK series, terminal blocks
Screw clamp technology

Technologies presentation 46
Overview 48

Feed-through

4 mm² / *12 AWG*	**ZS4**		50
6 mm² / *10 AWG*	**ZS6**		51
	ZS6-3S and **ZS6-4S**	with 3 and 4 connections	52-53
10 mm² / *6 AWG*	**ZS10**		54
16 mm² / *4 AWG*	**ZS16**		55
25 mm² / *3 AWG*	**ZS25**		56
35 mm² / *0 AWG*	**ZS35**		57
50 mm² / *0 AWG*	**ZS50**		58
70 mm² / *00 AWG*	**ZS70**		59
95 mm² / *0000 AWG*	**ZS95**		60

Ground

4 mm² / *12 AWG*	**ZS4-PE**		61
6 mm² / *10 AWG*	**ZS6-PE**		62
	ZS6-3S-PE and **ZS6-4S-PE**	with 3 and 4 connections	63-64
10 mm² / *6 AWG*	**ZS10-PE**		65
16 mm² / *4 AWG*	**ZS16-PE**		66
25 mm² / *3 AWG*	**ZS25-PE**		67
35 mm² / *2 AWG*	**ZS35-PE**		68
35 mm²	**ZS35-PEN**	+ neutral	69
50 mm² / *0 AWG*	**ZS50-PE**		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

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 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

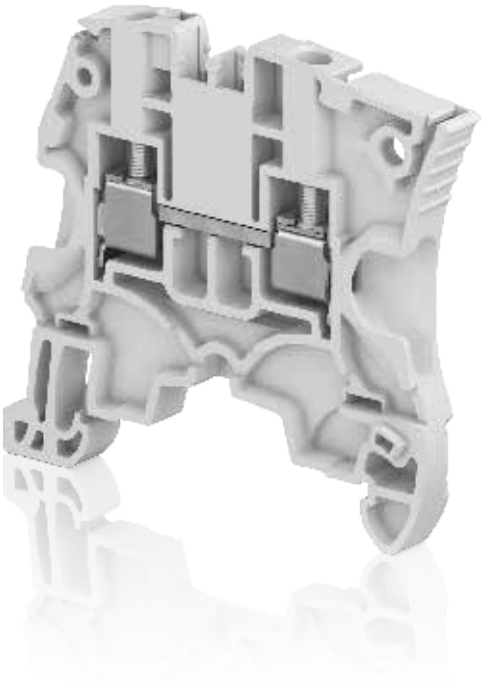
Triple deck

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



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

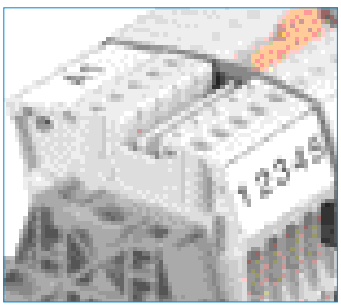
Revitalise your electrical installations
Modern. High quality finishing.

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

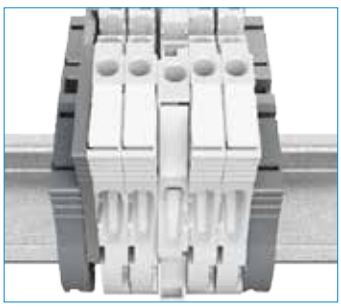
Facilitate your rail assembly process
Asymmetrical shape: easy to handle, prevents risk of short-circuit. Stiffness: improved holding adherence to the rail, low deflection when tightening. Locking pin: quick and easy to lock up to ten blocks in position at a time.

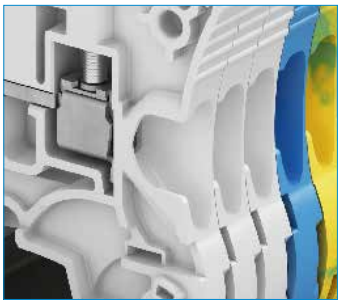
Smooth your connecting process
Engineered conductor entry: optimized conductor guiding, easier connection. One or two conductors. Conductors with or without ferrules.

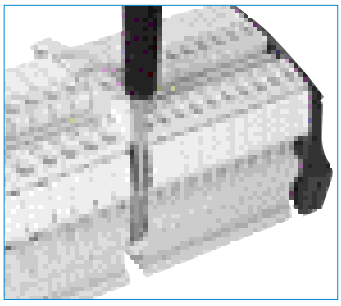
Facilitate maintenance operations
Terminals can be individually removed from a terminal assembly equipped with markers: ABB markers become independent after strip mounting, ABB markers remain on terminal in any situation. Handwriting possible.



Best marking visibility from any direction


Asymmetrical design offers the best visibility


Engineered conductor entry


Maintenance operations facilitated

1SNK161027S0201 - Rev. B

"Simply SNK"

Find your preferred marking solution from our universal range

1

2

3

4

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

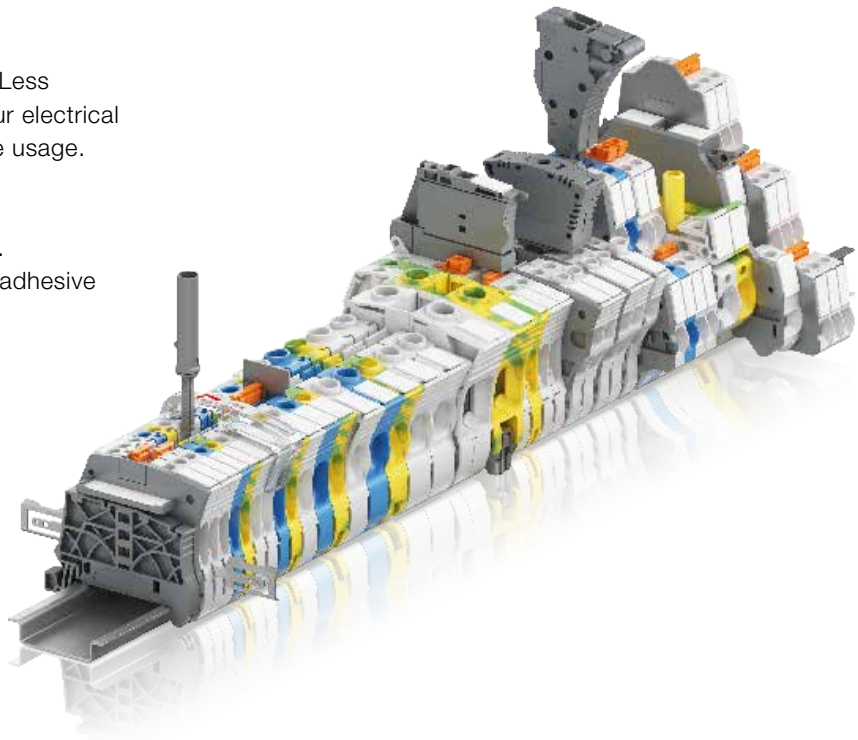
ABB pre-marking solutions
Pre-printed marker cards (2).

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

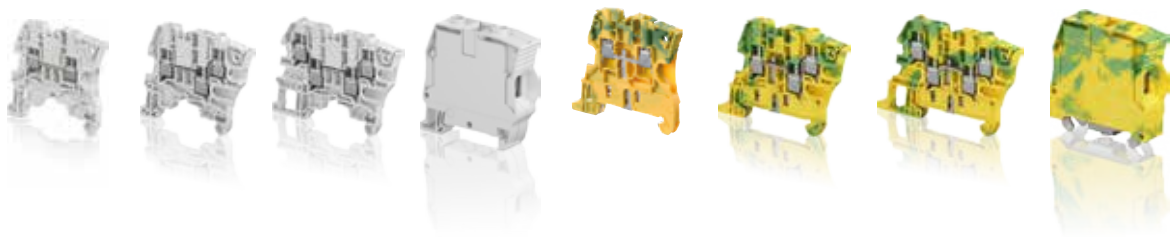
Reduce your stock value
Significant reduction of part numbers to manage. Less terminal blocks and accessories needed to do your electrical installation, number of units per pack suited to the usage.

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.

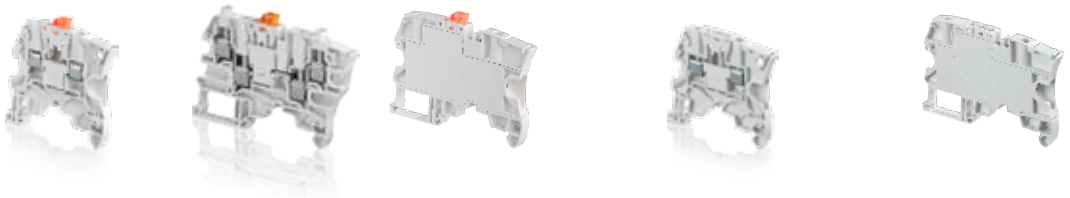


1SNK161088S0201 - Rev. B

SNK series, terminal blocks
Screw clamp technology



Section		Feed-through				Ground			
4 mm²	*12 AWG*	ZS4				ZS4-PE			
	10 AWG								
6 mm²	*10 AWG*	ZS6	ZS6-3S	ZS6-4S		ZS6-PE	ZS6-3S-PE	ZS6-4S-PE	
10 mm²	*6 AWG*	ZS10				ZS10-PE			
16 mm²	*4 AWG*	ZS16				ZS16-PE			
25 mm²	*3 AWG*	ZS25				ZS25-PE			
35 mm²	*0 AWG*				ZS35				
	2 AWG								ZS35-PE
50 mm²	*0 AWG*				New ZS50				New ZS50-PE
70 mm²	*00 AWG*				ZS70				ZS70-PE
95 mm²	*0000 AWG*				ZS95				ZS95-PE

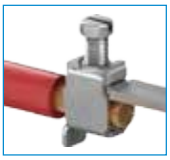


Section		Disconnect with blade					Disconnect with plug			
4 mm²	*10 AWG*	ZS4-S	ZS4-S-T2		ZS4-S-R1	ZS4-S-T2-R1	ZS4-SP	ZS4-SP-T2	ZS4-SP-R1	ZS4-SP-T2-R1
						ZS4-S-T2.3-R1				
6 mm²	*10 AWG*	ZS6-S		ZS6-S-4S-T2						
10 mm²	*6 AWG*	ZS10-S					ZS10-SP			

Section		For 5 x 20 mm fuses				Aligned for marshalling cabinets application			For 6.3 x 32 mm fuses *(¼ x 1¼ in)*		Aligned
4 mm²	*10 AWG*	ZS4-SF	ZS4-SF-T2	ZS4-SF-R1	ZS4-SF-R2	ZS4-R2	ZS4-PE-R2	ZS4-S-R2			
				ZS4-SF-R3	ZS4-SF-R4						
10 mm²	*6 AWG*								ZS10-SF	ZS10-SF-R1	ZS10-S-R2
										ZS10-SF-R3	

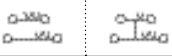
Clamp - Channels for jumpering or testing - Test socket - Blown-fuse indicator

1SNK161066S0201



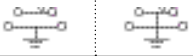
Double deck

Feed-through



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

Ground



ZS6-D2-PE	ZS6-D1-PE

Disconnect with blade

ZS4-D2-S	ZS4-D2-S-T2

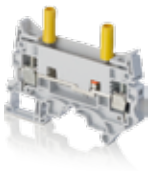
For 5 x 20 mm and 5 x 25 mm fuses

ZS4-D2-SF1	ZS4-D2-SF1-R1
	ZS4-D2-SF-R3

Triple deck

Feed-through

ZS4-T3
ZS4-T3-R1



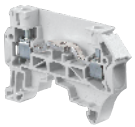
Test & measurement

Test disconnect with sliding link

ZS10-ST	ZS10-ST-T4
	ZS10-ST-1

Aligned with ZS10-ST

ZS10-R1	ZS10-PE-R1



For 5 x 20 mm and 5 x 25 mm fuses

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

Feed-through aligned with ZS4-SF1

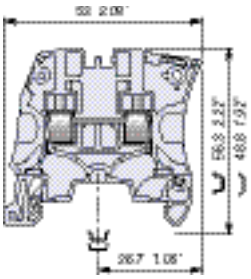
ZS4-R1	ZS4-S-R3

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

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

4 mm²
12 AWG

ZS4



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

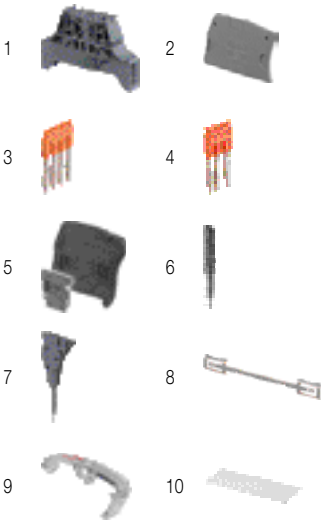
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 12 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		32 A / 4 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 32 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V 20 A UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided 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	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
		50 poles				JB5-50	1SNK905350R0000		10	36.10
4	**Cross spacing jumpers**				Orange	JB85-3	1SNK900603R0000		10	2.80
5	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
		3 mm	*0.118 in*			CS-R1	1SNK900103R0000		20	5.20
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
8	**Shield connectors**					SHBS	1SNK900600R0000		20	3.50
9	**Protecting covers**	5.2 mm *0.205 in* spacing			Transparent	PL5	1SNK900618R0000		10	1.50
10	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

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

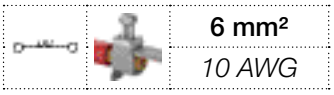
Ground screw clamp terminal blocks

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

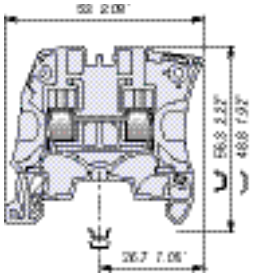
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161001S0201 - Rev. C

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.2 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm²	*24 ... 14 AWG*
	Flexible	0.2 ... 2.5 mm²	
	with twin ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
Rated current / Rated cross section		41 A / 6 mm²	*30 A / 10 AWG*
Rated short-time withstand current (1s)		720 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 41 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V 30 A UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

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

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

Accessories

	Description				Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000	50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000	20	2.18
3	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000	50	1.30
		3 poles				JB6-3	1SNK906303R0000	50	2.10
		4 poles				JB6-4	1SNK906304R0000	50	2.90
		5 poles				JB6-5	1SNK906305R0000	50	3.60
		10 poles				JB6-10	1SNK906310R0000	20	7.40
		50 poles				JB6-50	1SNK906350R0000	10	38.10
4	**Cross spacing jumpers**				Orange	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000	20	0.20
		3 mm	*0.118 in*			CS-R1	1SNK900103R0000	20	5.20
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000	20	2.41
7	**Test connectors**	End module, 5.2 mm *0.205 in*			Dark grey	TC5-R1	1SNK900201R0000	10	5.23
8	**Spacers**	0.8 mm *0.031 in* spacing			Dark grey	ES-TC6	1SNK900105R0000	10	0.80
9	**Shield connectors**					SHBS	1SNK900600R0000	20	3.50
10	**Protecting covers**	6 mm *0.236 in* spacing			Transparent	PL6	1SNK900619R0000	10	1.84
11	**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.

Ground screw clamp terminal blocks

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

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

1SNK161008S0201 - Rev. C

ZS6-3S screw clamp terminal blocks
Feed-through with 3 connections - 6 mm *0.236 in* spacing

	6 mm²
	10 AWG

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

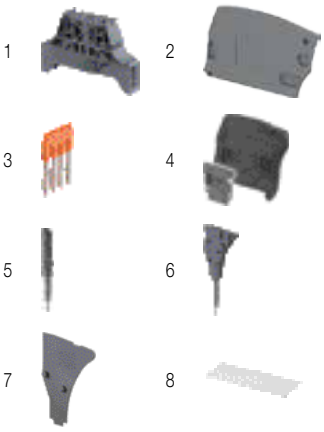
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / 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		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	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		550 V 28 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC	

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		0.75 N.m ± 0.05 *6.64 lb.in ± 0.44*

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**	End stops	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES6-3S	1SNK505912R0000		20	2.50
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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
4	**Circuit separators**	0 mm	*0 in*	Dark grey	CS	1SNK900101R0000		20	0.20
		3 mm	*0.118 in*		CS-R1	1SNK900103R0000		20	5.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 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.

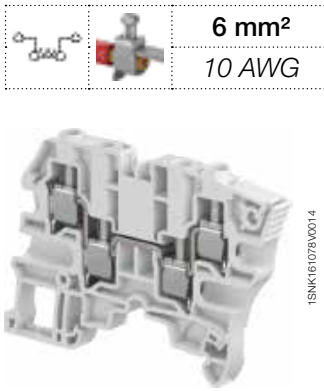
Ground screw clamp terminal blocks

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

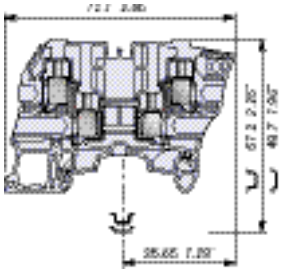
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161067S0201

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

6 mm²
10 AWG

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

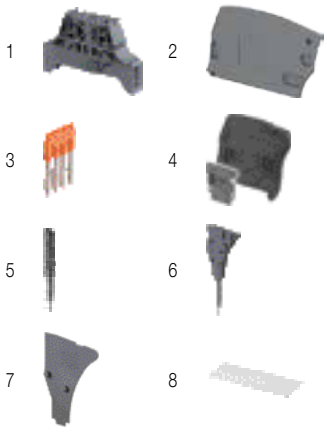
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / 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		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	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		550 V 28 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC	

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		0.75 N.m ± 0.05 *6.64 lb.in ± 0.44*

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	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
		50 poles			JB6-50	1SNK906350R0000		10	38.10
4	**Circuit separators**	0 mm	*0 in*	Dark grey	CS	1SNK900101R0000		20	0.20
		3 mm	*0.118 in*		CS-R1	1SNK900103R0000		20	5.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 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.

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

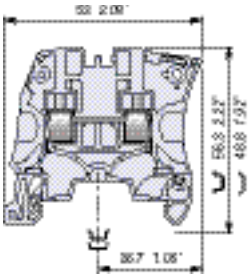
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161068S0201

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

10 mm²
6 AWG

ZS10



8 mm *0.315 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		57 A / 10 mm²	*42 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 57 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V 42 A UL 60079-7 - Class I, Zone I, AEx e II*	

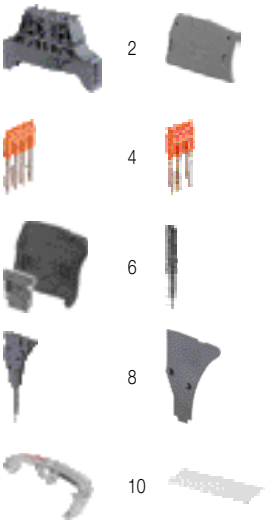
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

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*

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Jumper bars**	2 poles	57 A	*42 A*	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles				JB8-3	1SNK908303R0000		50	4.10
		4 poles				JB8-4	1SNK908304R0000		50	5.60
		5 poles				JB8-5	1SNK908305R0000		40	7.00
		10 poles				JB8-10	1SNK908310R0000		20	14.20
4	**Cross spacing jumpers**				Orange	JB85-3	1SNK900603R0000		10	2.80
5	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
		3 mm	*0.118 in*			CS-R1	1SNK900103R0000		20	5.20
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
7	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
8	**Spacers**	2.8 mm *0.110 in* spacing			Dark grey	ES-TC8	1SNK900104R0000		10	1.35
9	**Protecting covers**	8 mm *0.315 in* spacing			Transparent	PL8	1SNK900620R0000		10	2.55
10	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20



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

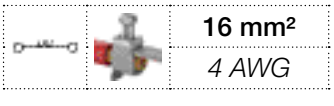
Ground screw clamp terminal blocks

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

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

1SNK161004S0201 - Rev. C

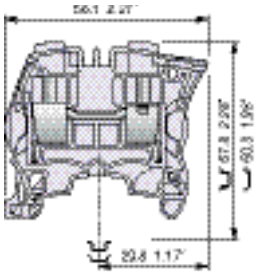
ZS16 screw clamp terminal blocks
Feed-through - 10 mm *0.394 in* spacing



16 mm²
4 AWG

1SNK161006F0014

ZS16



10 mm *0.394 in* spacing

Description

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

Ordering details

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

Main technical data

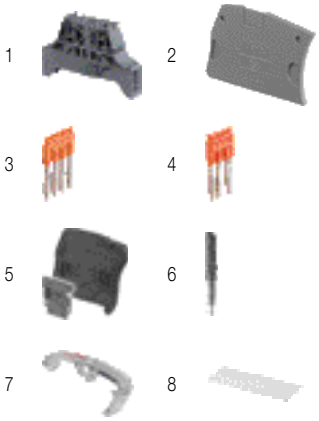
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	*24 ... 4 AWG*
	Flexible	0.5 ... 16 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	*24 ... 4 AWG*
	with insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	Gauge	A6-B6	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	*20 ... 10 AWG*
	Flexible	0.5 ... 6 mm²	
	with twin ferrule	0.5 ... 6 mm²	*20 ... 10 AWG*
Rated current / Rated cross section		76 A / 16 mm²	*67 A / 4 AWG*
Rated short-time withstand current (1s)		1920 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 76 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *600 V 67 A UL 60079-7 - Class I, Zone I, AEx e II*	

Mounting instructions

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

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

Accessories



	Description			Color	Type	Order code	Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000	50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000	20	2.18
3	**Jumper bars**	2 poles	76 A *67 A*	Orange	JB10-2	1SNK910302R0000	50	4.60
		3 poles			JB10-3	1SNK910303R0000	50	7.10
		4 poles			JB10-4	1SNK910304R0000	40	9.40
		5 poles			JB10-5	1SNK910305R0000	30	12.00
		10 poles			JB10-10	1SNK910310R0000	20	24.00
4	**Cross spacing jumpers**			Orange	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	0 mm	*0 in*	Dark grey	CS	1SNK900101R0000	20	0.20
		3 mm	*0.118 in*		CS-R1	1SNK900103R0000	20	5.20
6	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000	20	1.73
		For test plugs DIA 4 mm *0.160 in*			TP4	1SNK900205R0000	20	2.41
7	**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
		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.

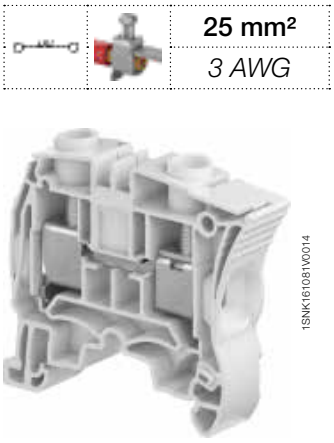
Ground screw clamp terminal blocks

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

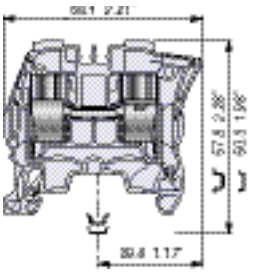
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161017S0201 - Rev. C

ZS25 screw clamp terminal blocks
Feed-through - 12 mm *0.472 in* spacing



ZS25



12 mm *0.472 in* spacing

25 mm²	*3 AWG*

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

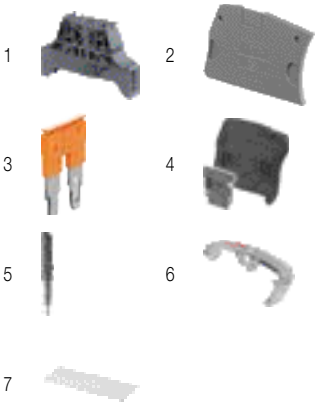
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	*24 ... 3 AWG*
	Flexible	0.5 ... 25 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	*24 ... 4 AWG*
	with insulated ferrule	0.5 ... 16 mm²	*24 ... 8 AWG*
	Gauge	A6-B6	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*20 ... 10 AWG*
	Flexible	0.5 ... 10 mm²	
	with twin ferrule	0.5 ... 10 mm²	*20 ... 10 AWG*
Rated current / Rated cross section		76 A / 16 mm²	*100 A / 3 AWG*
Maximum current / Maximum cross section		101 A / 25 mm²	
Rated short-time withstand current (1s)		1920 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		693 V 68 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC	

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

Mounting instructions

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**	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	Orange	JB12-2	1SNK912302R0000		50	4.86
		3 poles			JB12-3	1SNK912303R0000		50	7.55
		5 poles			JB12-5	1SNK912305R0000		20	12.93
4	**Circuit separators**	0 mm	*0 in*	Dark grey	CS	1SNK900101R0000		20	0.20
		3 mm	*0.118 in*		CS-R1	1SNK900103R0000		20	5.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
6	**Protecting covers**	10 mm *0.394 in* spacing		Transparent	PL10	1SNK900621R0000		10	3.13
7	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

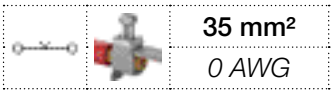
Ground screw clamp terminal blocks

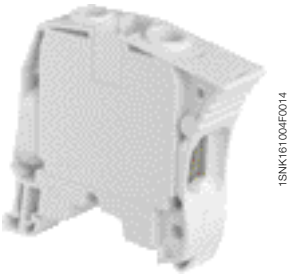
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS25	Green-yellow	ZS25-PE	1SNK512150R0000		20	38.00

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

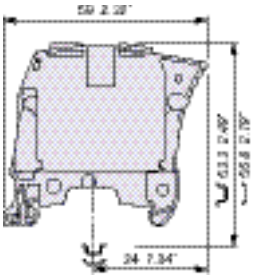
1SNK161078S0201

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*
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm²	*10 ... 0 AWG*
	Flexible	6 ... 35 mm²	
	with non insulated ferrule	4 ... 35 mm²	*12 ... 2 AWG*
	with insulated ferrule	4 ... 35 mm²	*12 ... 2 AWG*
	Gauge	A9-B9	
2 conductors per clamp	Rigid - Solid / Stranded	6 ... 16 mm²	*10 ... 6 AWG*
	Flexible	6 ... 16 mm²	
	with twin ferrule	4 ... 10 mm²	*12 ... 8 AWG*
Rated current / Rated cross section		125 A / 35 mm²	*150 A / 0 AWG*
Rated short-time withstand current (1s)		4200 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*
Increased safety Ex e		693 V 125 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/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

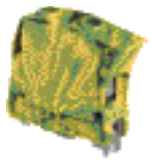
Mounting instructions

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

Accessories

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

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



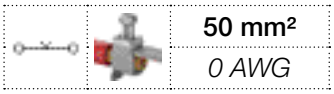
Ground screw clamp terminal blocks

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

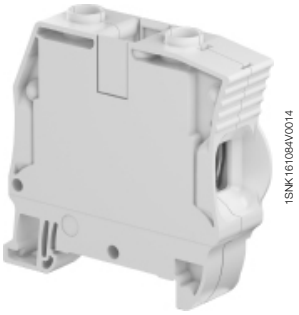
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161019S0201 - Rev. D

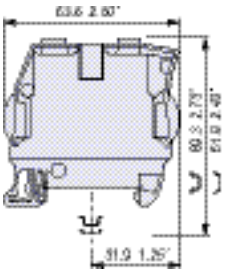
ZS50 screw clamp terminal blocks
Feed-through - 16 mm *0.630 in* spacing



50 mm²
0 AWG



ZS50



16 mm *0.630 in* spacing

Description

Combine high performance with compact dimensions:
- Connect conductors up to 50 mm² (CB certified) *0 AWG* in just 16 mm *0.630 in* spacing
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL
- Closed terminal block/ no end section needed, optimized rigidity.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Closed block	Grey	ZS50	1SNK516011R0000		20	52.90
		Blue	ZS50-BL	1SNK516021R0000		20	52.90
		Yellow	ZS50-YL	1SNK516060R0000		20	52.90

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	1 ... 50 mm²	*18 ... 0 AWG*
	Flexible	1 ... 50 mm²	
	with non insulated ferrule	1 ... 50 mm²	*18 ... 0 AWG*
	with insulated ferrule	1 ... 50 mm²	*18 ... 0 AWG*
	Gauge		
2 conductors per clamp	Rigid - Solid / Stranded	1 ... 25 mm²	*18 ... 4 AWG*
	Flexible	1 ... 25 mm²	
	with twin ferrule	1 ... 16 mm²	*18 ... 4 AWG*
Rated current / Rated cross section		150 A / 50 mm²	*140 A / 0 AWG*
Rated short-time withstand current (1s)		6000 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*1000 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*
Increased safety Ex e		880 V 150 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIC	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		17 mm *0.669 in*
Tool		Flat screwdriver Ø 6.5 mm *Ø 0.256 in*
Torque		3 N.m ± 0.5 *26.55 lb.in ± 4.43*

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

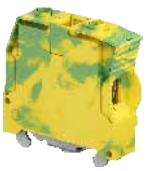
1

2

3

	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	2 poles	125 A	Orange	JB16-2	1SNK916302R0000		10	10.20
		3 poles			JB16-3	1SNK916303R0000		10	16.00
		4 poles			JB16-4	1SNK916304R0000		10	21.80
		5 poles			JB16-5	1SNK916305R0000		10	27.60
		10 poles			JB16-10	1SNK916310R0000		10	56.60
3	**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.



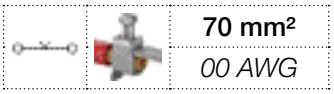
Ground screw clamp terminal blocks

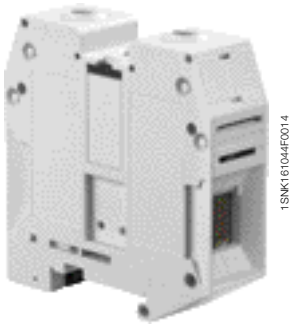
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS50	Green-yellow	ZS50-PE	1SNK516151R0000		20	86.40

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

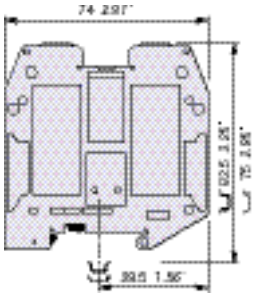
1SNK161069S0201

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





ZS70



22 mm *0.866 in* spacing

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

Ordering details

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

Main technical data

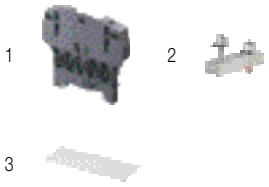
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	16 ... 95 mm²	*4 ... 00 AWG*
	Flexible	16 ... 70 mm²	
	with non insulated ferrule	16 ... 50 mm²	
	with insulated ferrule	16 ... 50 mm²	
	Gauge	B11	
2 conductors per clamp	Rigid - Solid / Stranded	16 ... 35 mm²	*4 ... 2 AWG*
	Flexible	16 ... 35 mm²	
	with twin ferrule	16 mm²	*6 AWG*
Rated current / Rated cross section		192 A / 70 mm²	*159 A / 00 AWG*
Rated short-time withstand current (1s)		8400 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*
Increased safety Ex e		693 V 192 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC — *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

Mounting instructions

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

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	2 poles	192 A	*175 A*		JB22-2	1SNK922302R0000		5	27.00
		3 poles				JB22-3	1SNK922303R0000		5	43.30
		5 poles				JB22-5	1SNK922305R0000		5	76.10
		10 poles				JB22-10	1SNK922310R0000		5	157.40
3	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

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

Ground screw clamp terminal blocks

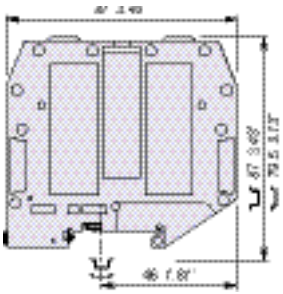
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS70	Green-yellow	ZS70-PE	1SNK522150R0000		10	222.00

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

ZS95 screw clamp terminal blocks
Feed-through - 26 mm *1.024 in* spacing

95 mm²
0000 AWG

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*
	Flexible	35 ... 95 mm²	
	with non insulated ferrule	35 ... 50 mm²	
	with insulated ferrule	35 ... 50 mm²	
	Gauge	B12	
2 conductors per clamp	Rigid - Solid / Stranded	25 ... 35 mm²	*4 ... 2 AWG*
	Flexible	25 ... 35 mm²	
	with twin ferrule	16 mm²	*6 AWG*
Rated current / Rated cross section		232 A / 95 mm²	*230 A / 0000 AWG*
Rated short-time withstand current (1s)		11400 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		1000 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*
Increased safety Ex e		693 V 232 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/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

Mounting instructions

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

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	2 poles	232 A	*230 A*		JB26-2	1SNK926302R0000		5	41.20
		3 poles				JB26-3	1SNK926303R0000		5	65.70
		5 poles				JB26-5	1SNK926305R0000		5	115.70
		10 poles				JB26-10	1SNK926310R0000		5	241.50
3	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

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

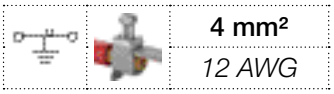
Ground screw clamp terminal blocks

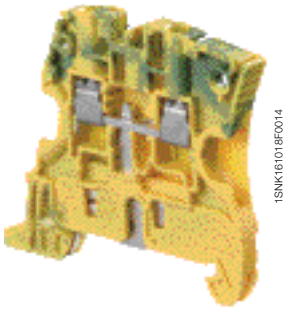
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Profile aligned with ZS95	Green-yellow	ZS95-PE	1SNK526150R0000		10	278.00

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

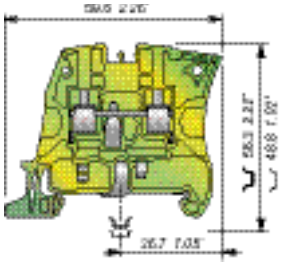
1SNK161023S0201 - Rev. C

ZS4-PE screw clamp terminal blocks
Ground - 5.2 mm *0.205 in* spacing





ZS4-PE



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

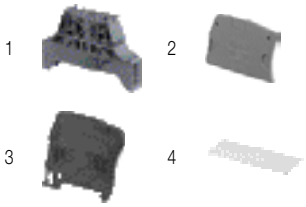
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 12 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
Rated cross section		4 mm²	*12 AWG*
Rated short-time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

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

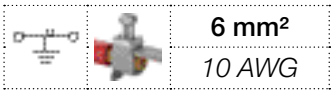


	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal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

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



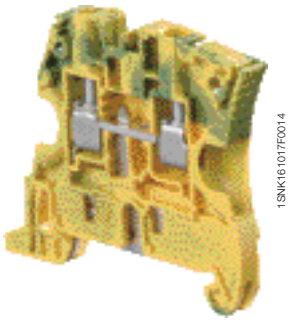
6 mm²
10 AWG

Description

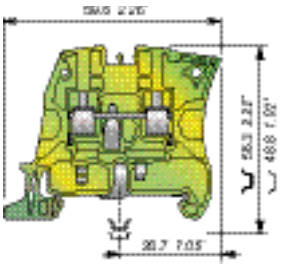
Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
– rail contact non operator dependent,
– Performances above the requirements of IEC 60947-7-2 terminal block standard,
– Secured snap on or remove from the rail.

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



ZS6-PE



6 mm *0.236 in* spacing

Main technical data

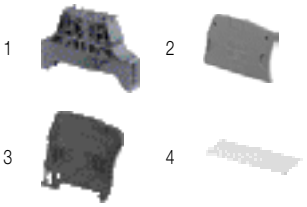
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.2 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
Rated cross section		6 mm²	*10 AWG*
Rated short-time withstand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

Mounting instructions

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

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

Accessories



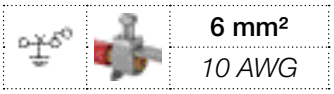
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal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

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

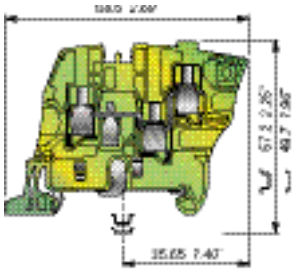
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161015S0201 - Rev. C

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 pce	Weight (1 pce) g
Ground	Screwless rail connection	Green-yellow	ZS6-3S-PE	1SNK506151R0000		25	16.20

Main technical data

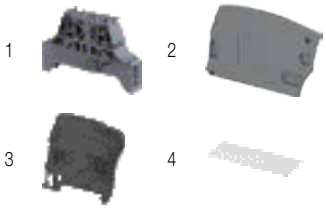
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
Rated cross section		4 mm²	*10 AWG*
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/IIC	

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		0.75 N.m ± 0.05 *6.64 lb.in ± 0.44*

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



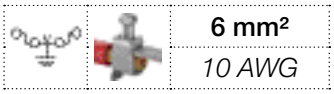
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES6-3S	1SNK505912R0000		20	2.50
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000		22	10.00
					MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

1SNK161080S0201

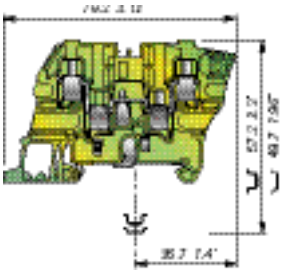
ZS6-4S-PE screw clamp terminal blocks
Ground with 4 connections - 6 mm *0.236 in* spacing



6 mm²
10 AWG

1SNK161091V0014

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

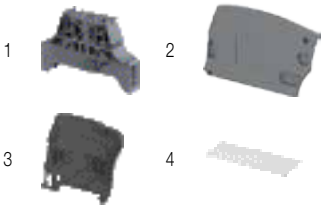
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
Rated cross section		4 mm²	*10 AWG*
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/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

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		0.75 N.m ± 0.05 *6.64 lb.in ± 0.44*

Accessories



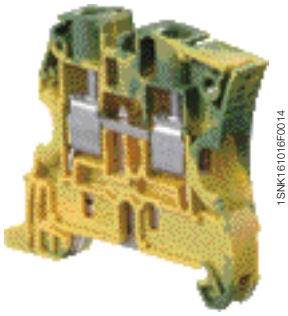
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES6-4S	1SNK505911R0000		20	3.11
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal block markers**	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.

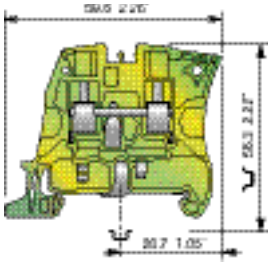
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161081S0201

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

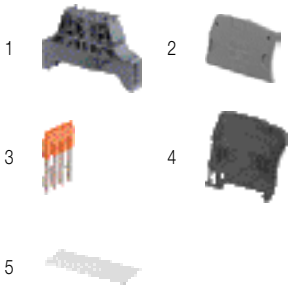
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 8 AWG*
	Gauge	A5-B5	
Rated cross section		10 mm²	*6 AWG*
Rated short-time withstand current (1s)		1200 A	*1596 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC — *Class I, Zone I, AEx e II*	

Mounting instructions

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

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

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Jumper bars**	2 poles	57 A	*42 A*	Orange	JB8-2	1SNK908302R0000		50	2.70
4	**Circuit separators**	3 mm	*0.118 in*		Dark grey	CS-R1	1SNK900103R0000		20	5.20
5	**Terminal block markers**	Blank card			White	MC812	1SNK160000R0000		22	10.00
						MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

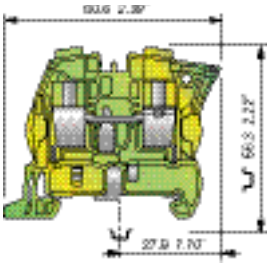
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

16 mm²
4 AWG

ZS16-PE



10 mm *0.394 in* spacing

3

Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail,
- PE.N function available by combining ZS16-PE with ZS16-BL and 2 poles jumper bar JB10-2.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 16 mm²	*24 ... 4 AWG*
	Flexible	0.5 ... 16 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	*24 ... 4 AWG*
	with insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	Gauge	A6-B6	
Rated cross section		16 mm²	*4 AWG*
Rated short-time withstand current (1s)		1920 A	*2544 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC *— Class I, Zone I, AEx e II*	

Mounting instructions

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

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

Accessories

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

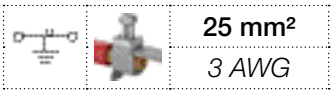
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

1
2
3
4
5

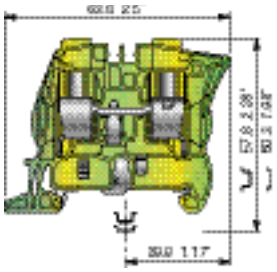
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161018S0201 - Rev. C

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

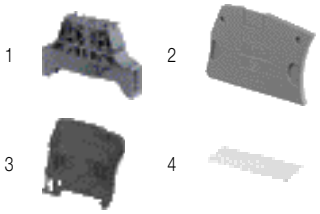
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 25 mm²	*24 ... 3 AWG*
	Flexible	0.5 ... 25 mm²	
	with non insulated ferrule	0.5 ... 16 mm²	*24 ... 4 AWG*
	with insulated ferrule	0.5 ... 16 mm²	*24 ... 8 AWG*
	Gauge	A6-B6	
Rated cross section		16 mm²	*3 AWG*
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/IIIC	

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*

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



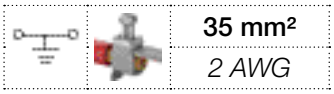
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	End stops	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Terminal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

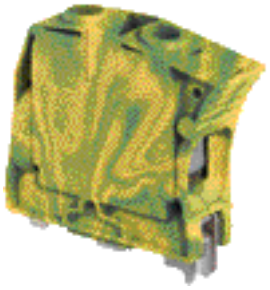
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

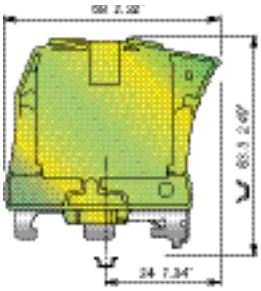
1SNK161082S0201

ZS35-PE screw clamp terminal blocks
Ground - 16 mm *0.630 in* spacing





ZS35-PE



16 mm *0.630 in* spacing

Description

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

Ordering details

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

Main technical data

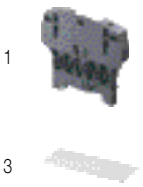
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm²	*10 ... 2 AWG*
	Flexible	6 ... 35 mm²	
	with non insulated ferrule	4 ... 35 mm²	*12 ... 2 AWG*
	with insulated ferrule	4 ... 35 mm²	*12 ... 2 AWG*
	Gauge	A9	
Rated cross section		35 mm²	*2 AWG*
Rated short-time withstand current (1s)		4200 A	*4032 A*
Protection		IP10	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC *— Class I, Zone I, AEx e II*	

Mounting instructions

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

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

Accessories



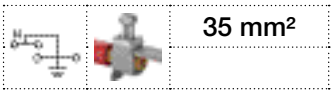
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
3	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
		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

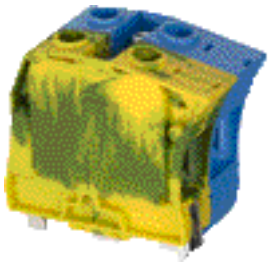
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

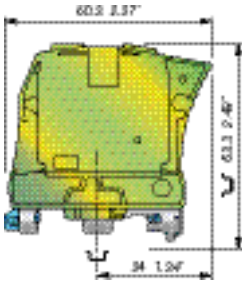
1SNK161020S0201 - Rev. D

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





ZS35-PEN



32 mm *1.26 in* spacing

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

Ordering details

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

Main technical data

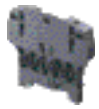
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	6 ... 35 mm²	
	Flexible	6 ... 35 mm²	
	with non insulated ferrule	6 ... 35 mm²	
	with insulated ferrule	6 ... 35 mm²	
	Gauge	A9	
Rated cross section		35 mm²	
Rated short-time withstand current (1s)		4200 A	
Protection		IP10	*NEMA 1*
Explosive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

Mounting instructions

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

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

Accessories



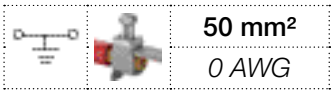
	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card	White	MC812	1SNK160000R0000		22	10.00
				MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder	Grey	UMH	1SNK900611R0000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

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

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

1SNK161047S0201 - Rev. C

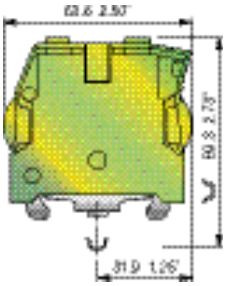
ZS50-PE screw clamp terminal blocks
Ground - 16 mm *0.630 in* spacing



50 mm²
0 AWG

1SNK161093V0014

ZS50-PE



16 mm *0.630 in* spacing

Description

– Reliable electrical and mechanical contact with the rail that exceeds the requirements of the IEC 60947-7-2 terminal block standard,
– Same profile as ZS50 for aligned marking and identical end section.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screw rail connection	Green-yellow	ZS50-PE	1SNK516151R0000		20	83.0

Main technical data

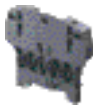
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	1 ... 50 mm²	*18 ... 0 AWG*
	Flexible	1 ... 50 mm²	
	with non insulated ferrule	1 ... 50 mm²	*18 ... 0 AWG*
	with insulated ferrule	1 ... 50 mm²	*18 ... 0 AWG*
	Gauge		
Rated cross section		50 mm²	*0 AWG*
Rated short-time withstand current (1s)		6000 A	*6420 A*
Protection		IP10	*NEMA 1*
Explosive atmosphere classification		IM2 II 2 GD Ex eb I/II/IIIC	

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

Mounting instructions

Rail		TH 35-15
Wire stripping length		17 mm *0.669 in*
Tool Screw clamp		Flat screwdriver Ø 6.5 mm *Ø 0.256 in*
Rail connection screw		Ø 6.5 mm *Ø 0.256 in*
Torque Screw clamp		3 N.m ± *0.5* *26.55 lb.in ± 4.43*
Rail connection screw		2.75 N.m ± 0.25 *24.34 lb.in ± 2.21*

Accessories



1

2

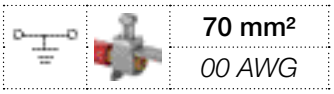
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000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

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.

1SNK161070S0201 - Rev. A

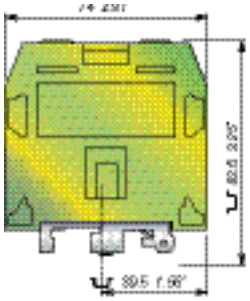
ZS70-PE screw clamp terminal blocks
Ground - 22 mm *0.866 in* spacing



70 mm²
00 AWG

1SNK161045F0014

ZS70-PE



22 mm *0.866 in* spacing

Description

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

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	Screw rail connection	Green-yellow	ZS70-PE	1SNK522150R0000		10	222.00

Main technical data

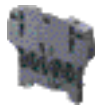
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	16 ... 95 mm²	*4 ... 00 AWG*
	Flexible	16 ... 70 mm²	
	with non insulated ferrule	16 ... 50 mm²	
	with insulated ferrule	16 ... 50 mm²	
	Gauge	B11	
Rated cross section		70 mm²	
Rated short-time withstand current (1s)		8400 A	*8088 A*
Protection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

Mounting instructions

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

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

Accessories

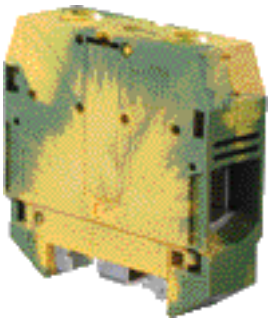


	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000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

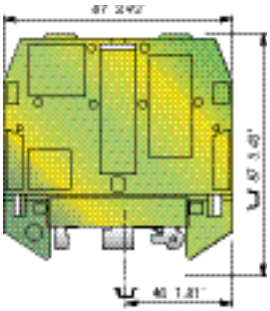
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

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 pce	Weight (1 pce) g
Ground	Screw rail connection	Green-yellow	ZS95-PE	1SNK526150R0000		10	278.00

Main technical data

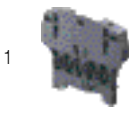
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	35 ... 120 mm²	*2 ... 0000 AWG*
	Flexible	35 ... 95 mm²	
	with non insulated ferrule	35 ... 50 mm²	
	with insulated ferrule	35 ... 50 mm²	
	Gauge	B12	
Rated cross section		95 mm²	
Rated short-time withstand current (1s)		11400 A	*12840 A*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

Mounting instructions

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

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

Accessories



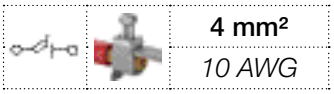
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**Terminal block markers**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000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

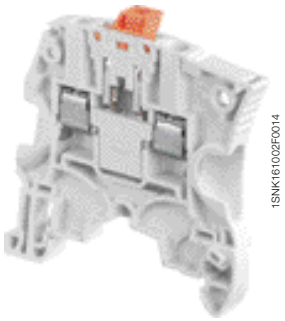
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

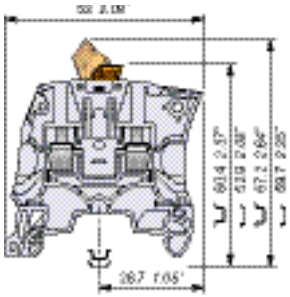
1SNK161024S0201 - Rev. C

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





ZS4-S



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.2 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 10 AWG*
Rated short-time withstand current (1s)		480 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

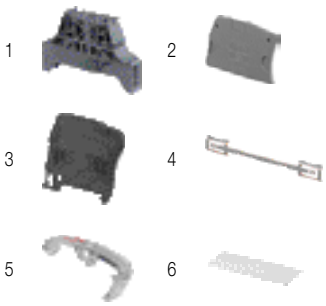
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

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

Accessories



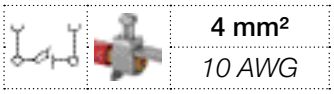
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Shield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

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

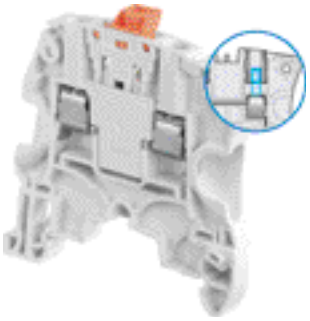
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161010S0201 - Rev. C

ZS4-S-T2 screw clamp terminal blocks
Disconnect with blade - with test socket screws
5.2 mm *0.205 in* spacing

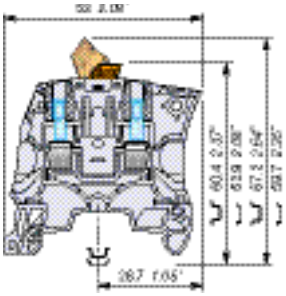


4 mm²
10 AWG



1SNK161034F0014

ZS4-S-T



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 10 AWG*
Rated short-time withstand current (1s)		480 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

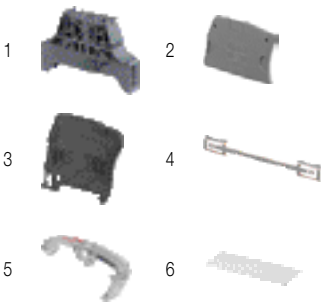
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

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

Accessories



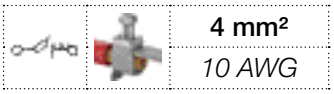
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Circuit separators**	3 mm	*0.118 in*	Dark grey	CS-R1	1SNK900103R0000		20	5.20
4	**Shield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

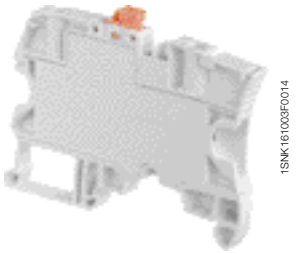
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

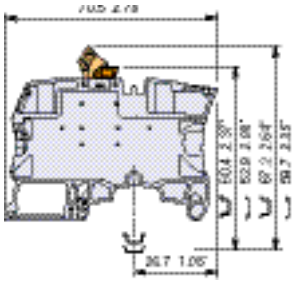
1SNK161042S0201 - Rev. C

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*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		26 A / 4 mm²	*26 A / 10 AWG*
Rated short-time withstand current (1s)		480 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

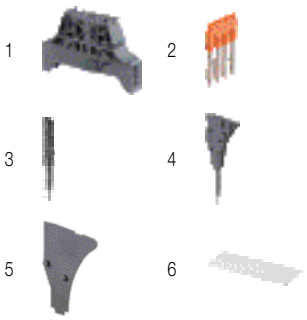
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

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

Accessories

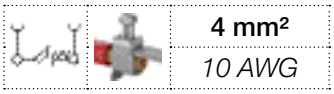


	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90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

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

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

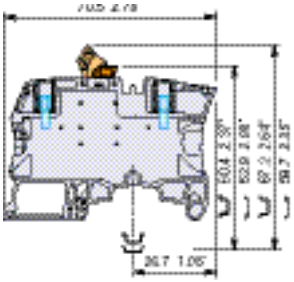
ZS4-S-T2-R1 screw clamp terminal blocks
Disconnect with blade - with test socket screws
6 mm *0.236 in* spacing



4 mm²
10 AWG

1SNK161035F0014

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		26 A / 4 mm²	*26 A / 10 AWG*
Rated short-time withstand current (1s)		480 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

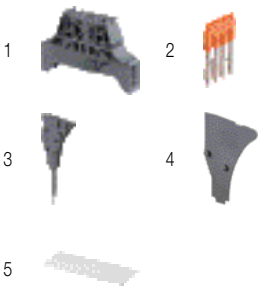
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

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

Accessories



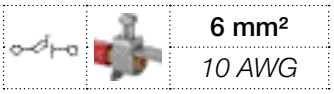
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90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

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

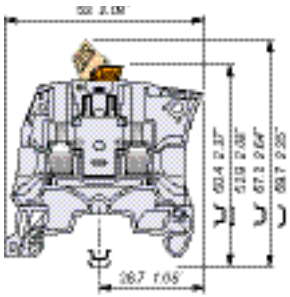
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161045S0201 - Rev. C

ZS6-S screw clamp terminal blocks
Disconnect with blade - 6 mm *0.236 in* spacing



ZS6-S



6 mm *0.236 in* spacing

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 6 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm²	*24 ... 14 AWG*
	Flexible	0.22 ... 2.5 mm²	
	with twin ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 10 AWG*
Maximum current / Maximum cross section		30 A / 6 mm²	
Rated short-time withstand current (1s)		480 A	
Rated voltage		500 V	*300 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

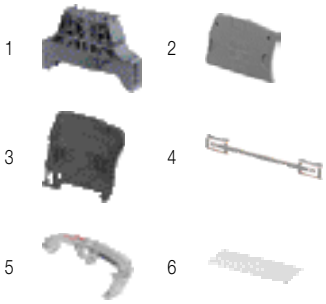
Mounting instructions

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

Accessories



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

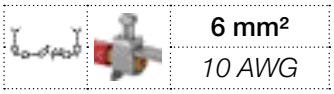
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through screw clamp terminal blocks

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

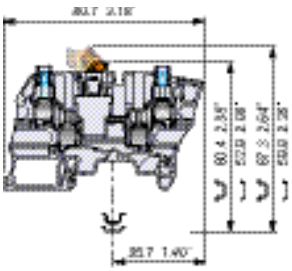
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

ZS6-S-4S-T screw clamp terminal blocks
Disconnect with blade - with test socket screws
6 mm *0.236 in* spacing



6 mm²
10 AWG

ZS6-S-4S-T



6 mm *0.236 in* spacing

3

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*

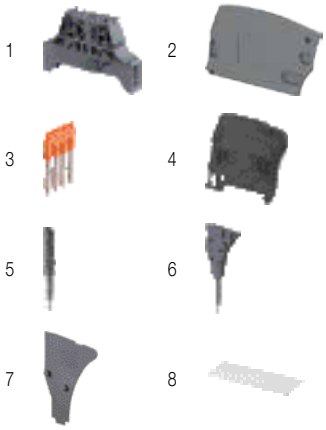
Mounting instructions

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

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
		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

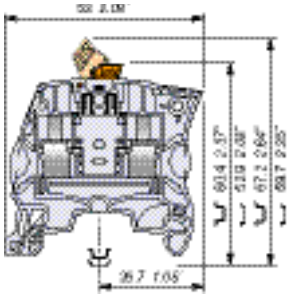
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

1SNK161071S0201

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*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.22 ... 10 mm²	
	with non insulated ferrule	0.22 ... 10 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 6 mm²	*24 ... 12 AWG*
	Gauge	A5-B5	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		25 A / 4 mm²	*25 A / 6 AWG*
Maximum current / Maximum cross section		42 A / 10 mm²	
Rated short-time withstand current (1s)		480 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

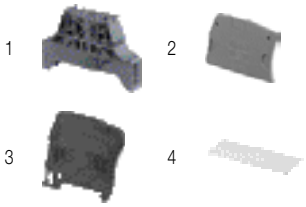
Mounting instructions

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*

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.

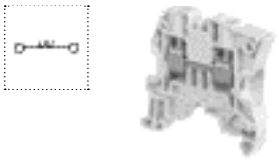
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

Accessories



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

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.

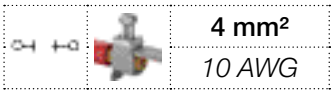


Feed-through screw clamp terminal blocks

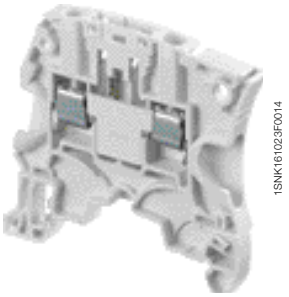
Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Grey	ZS10	1SNK508010R0000		50	14.10

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



4 mm²
10 AWG



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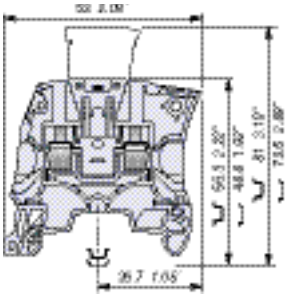
ZS4-SP



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 A / 10 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories

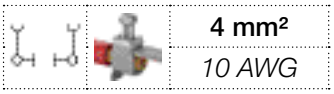
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	2.2 mm	*0.087 in*	Dark grey	ES4	1SNK505910R0000		20	2.18
3	**Shield connectors**				SHBS	1SNK900600R0000		20	3.50
4	**Component plugs**	Components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

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

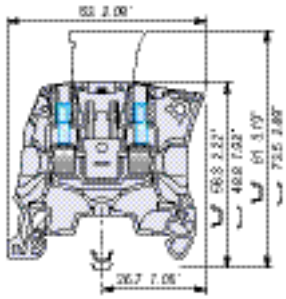
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161033S0201 - Rev. C

ZS4-SP-T2 screw clamp terminal blocks
Disconnect with plug - with test socket screws
5.2 mm *0.205 in* spacing



ZS4-SP-T2



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 10 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 A / 10 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

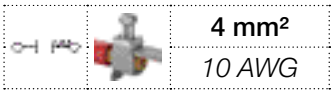
Accessories

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

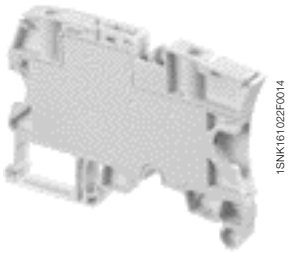
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

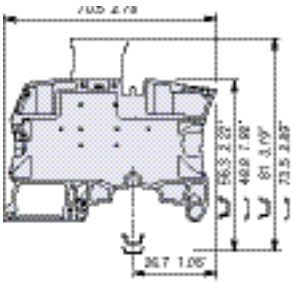
ZS4-SP-R1 screw clamp terminal blocks
Disconnect with plug - 6 mm *0.236 in* spacing



4 mm²
10 AWG



ZS4-SP-R1



6 mm *0.236 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*20 A / 10 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories

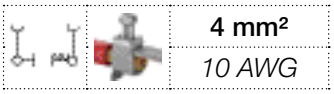
	Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm *0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles 41 A *30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles		JB6-3	1SNK906303R0000		50	2.10
		4 poles		JB6-4	1SNK906304R0000		50	2.90
		5 poles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

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

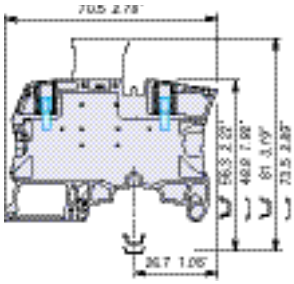
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161039S0201 - Rev. C

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



ZS4-SP-T2-R1



6 mm *0.236 in* spacing

Description

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

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Disconnect	Profile aligned with ZS4-SF, with 2 test socket screws DIA 2 mm *0.079 in*, plug delivered separately	Grey	ZS4-SP-T2-R1	1SNK506314R0000		50	14.20

Main technical data

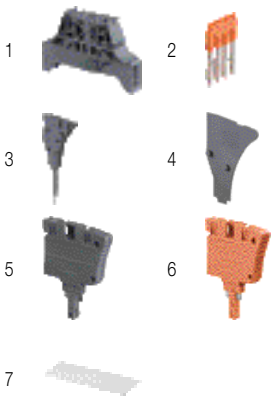
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*20 A / 10 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories



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

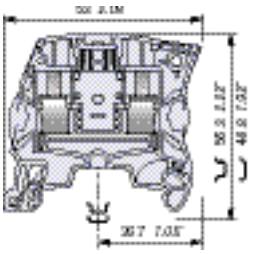
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

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

10 mm²
6 AWG

ZS10-SP



8 mm *0.315 in* spacing

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

Ordering details

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

Main technical data

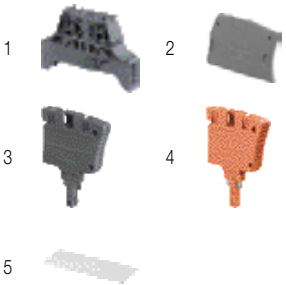
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.22 ... 10 mm²	
	with non insulated ferrule	0.22 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.22 ... 6 mm²	*24 ... 8 AWG*
	Gauge	A5-B5	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 A / 6 AWG*
Maximum current / Maximum cross section		18 A / 10 mm²	
Rated short-time withstand current (1s)		300 A	
Rated voltage		630 V	*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

Accessories



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

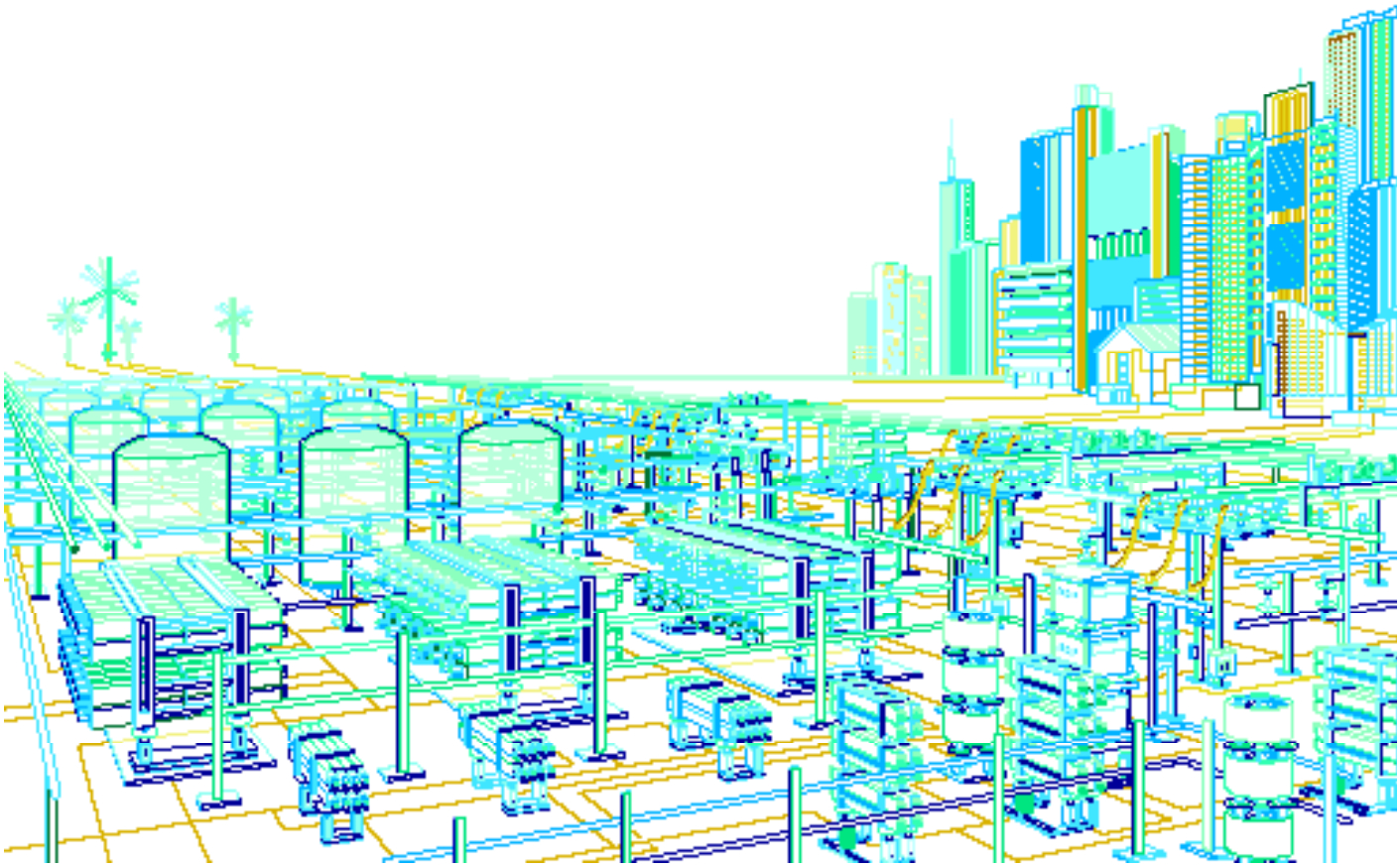
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through screw clamp terminal blocks

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

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

1SNK161051S0201 - Rev. C



SNK series, terminal blocks
Fuse protection

Optimize your control circuit protection

Our SNK series fuse terminal blocks offer a full set of features and functions to protect your control circuits with efficiency and reliability.
All terminal blocks complies with the latest evolution of the international standards IEC 60947-7-3 (“Ancillary equipment safety requirements for fuse terminal blocks.”) which fixes precise temperature constraint for short-circuit and overload protection (information in the catalogue pages related to the products).

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

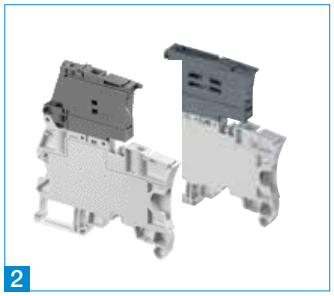
Select the right fuse holder for the right application

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.

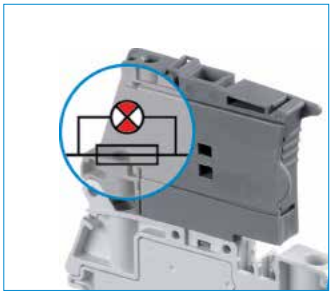
2 Expert for convenient circuit distribution
The expert fuse holders are equipped with two central jumper channels for convenient common distribution and are aligned with feed-through and disconnect terminal blocks. They facilitate alternated potential distribution and reduce wiring.

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.

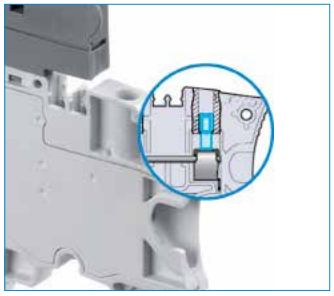
1
5x20 and 5x25 mm fuses
Compact and high density



2
5x20 and 6.3x32 mm fuses
Easy potential distribution



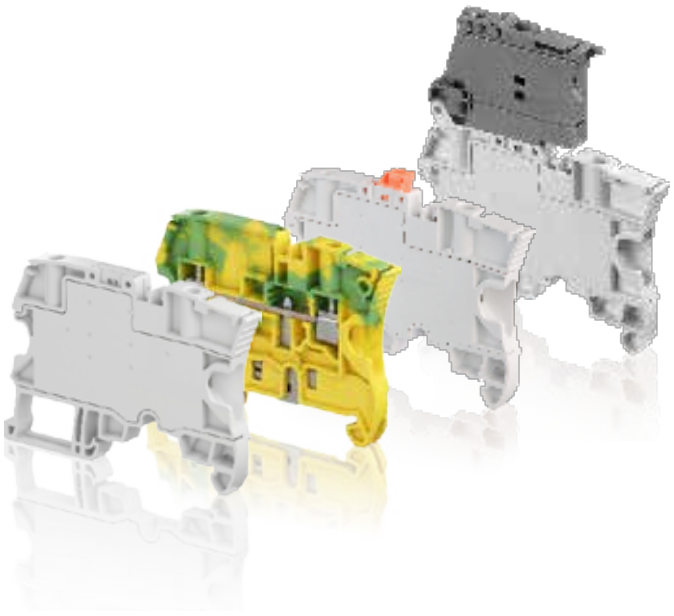
Low leakage current blown fuse indicator.
Large voltage range: (24/110 V and 110/250 V AC and DC)



Convenient testing through built in test socket screws

1SNK161085S0201

SNK series, terminal blocks
Marshalling cabinets application



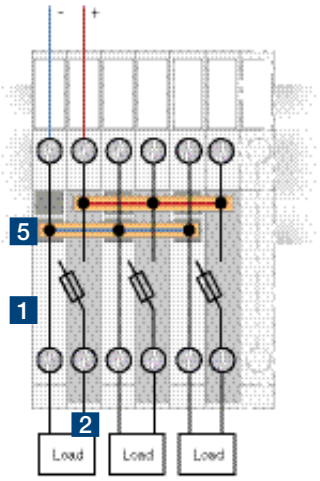
The smart choice for process automation

Large process automation applications typically require the use of a large number of digital or analog signals and sensors. Indeed, marshalling cabinets perform 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 maintenance operations and simplify system modifications.

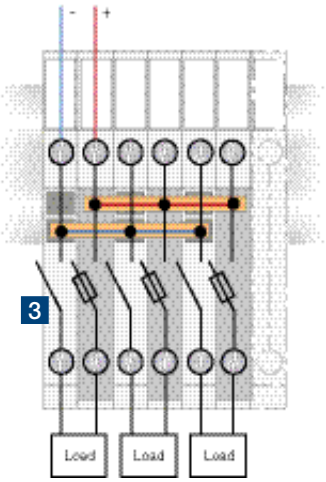
SNK aligned terminal blocks offering:
SNK series now features a full set of aligned terminal blocks matching the marshalling panels typical configurations. Fuse, disconnect, feed-through and ground terminal blocks with identical profiles provide compact and convenient solution. With only 6 mm spacing, 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

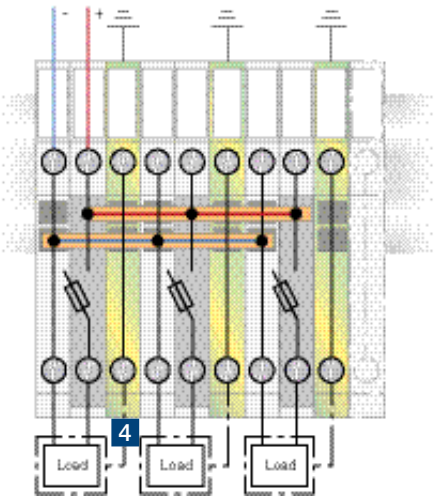
Digital signals
Popular potential distribution via double center channel.



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

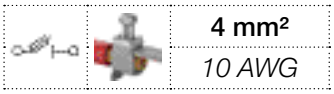
3 ZS4-S-R1 or ZS4-S-R2

4 ZS4-PE-R2

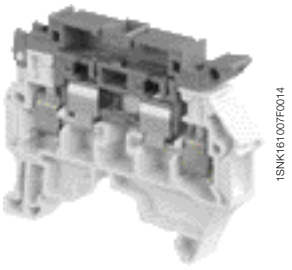
5 JB6-...

1SNK161086S0201

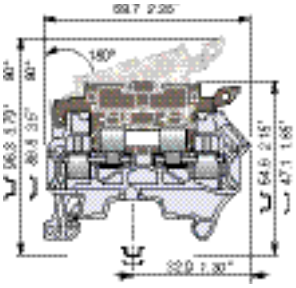
ZS4-SF1 screw clamp terminal blocks
For 5x20 and 5x25 fuses - 8 mm *0.315 in* spacing



4 mm²
10 AWG



ZS4-SF1



8 mm *0.315 in* spacing

Description

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

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		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

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**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

1 2

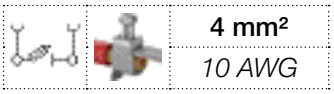
3 4

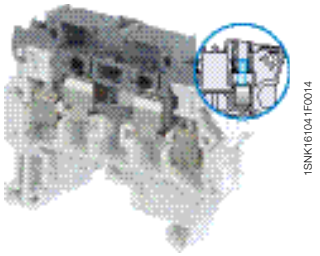
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

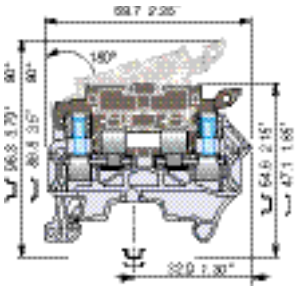
1SNK161011S0201 - Rev. C

ZS4-SF1-T screw clamp terminal blocks
For 5x20 and 5x25 fuses - with test socket screws
8 mm *0.315 in* spacing





ZS4-SF1-T



8 mm *0.315 in* spacing

Description

– Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
– Compliant with IEC 60947-7-3 standard,
– with built in test socket screws.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

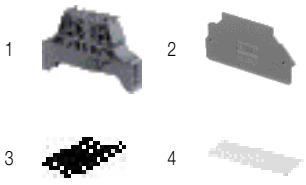
Mounting instructions

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

Accessories

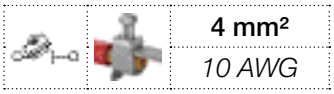


	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Lateral jumper bars**	10 poles	35 A	Black	PC81-10	1SNA173523R1100		10	5.00
4	**Terminal block markers**	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.

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

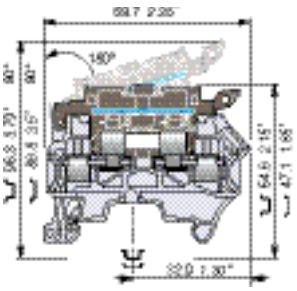
ZS4-SF1-R screw clamp terminal blocks
For 5x20 and 5x25 fuses - with blown fuse indicator
8 mm *0.315 in* spacing



4 mm²
10 AWG

1SNK161042F0014

ZS4-SF1-R



8 mm *0.315 in* spacing

Description

– Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
– Compliant with IEC 60947-7-3 standard,
– Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	With blown fuse indicator 24 ... 110 V AC / DC	Grey-dark grey	ZS4-SF1-R1	1SNK508412R0000		50	13.30
	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	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		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

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**	Blank card		White	MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

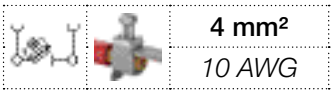
1
2
3
4

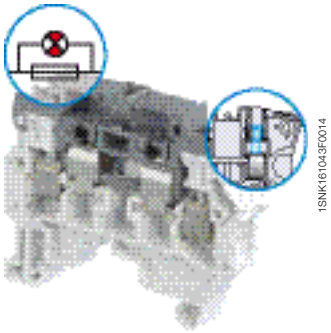
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

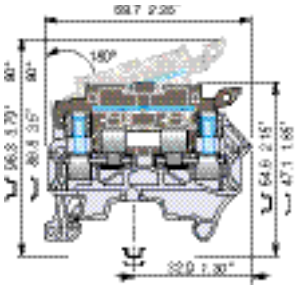
1SNK161034S0201 - Rev. C

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*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

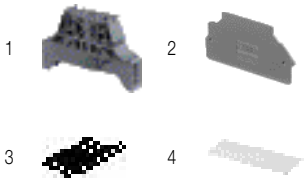
Mounting instructions

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

Accessories

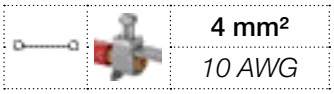


	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.5 mm	*0.059 in*	Dark grey	ES4-SF	1SNK508960R0000		20	1.82
3	**Lateral jumper bars**	10 poles	35 A	Black	PC81-10	1SNA173523R1100		10	5.00
4	**Terminal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

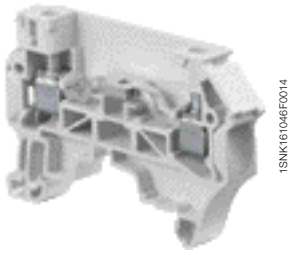
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

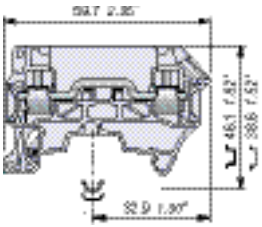
ZS4-R1 screw clamp terminal blocks
Feed-through - 8 mm *0.315 in* spacing



4 mm²
10 AWG



ZS4-R1



8 mm *0.315 in* spacing

Description

Simplify the alternated feed-through and fuse circuits operations:
– with the same profile as the ZS4-SF1, the wiring of the alternated feed-through and fuse circuits is easier.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		24 A / 2.5 mm²	*26 A / 10 AWG*
Rated short-time withstand current (1s)		300 A	
Short Circuit Current Rating (with specific conditions)			
Rated voltage		800 V	*300 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*
Rated voltage Ex e			

Mounting instructions

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

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

Accessories

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

1
2
3

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

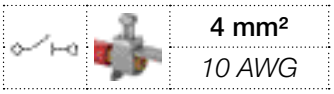
Fuses screw clamp terminal blocks

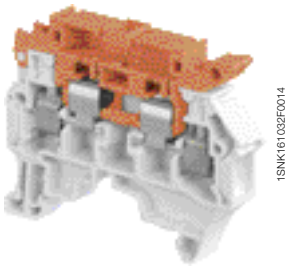
Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses	Grey-dark grey	ZS4-SF1	1SNK508410R0000		50	13.30

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

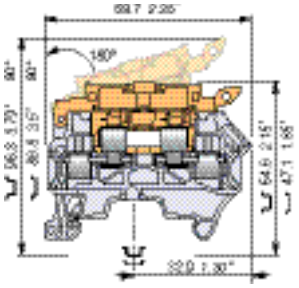
1SNK161009S0201 - Rev. C

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*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*18 A / 10 AWG*
Maximum current / Maximum cross section		18 A / 4 mm²	
Rated short-time withstand current (1s)		300 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

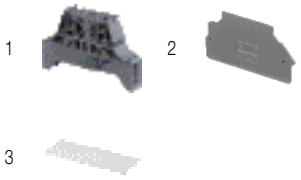
Mounting instructions

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

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

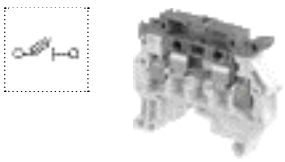
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

Accessories



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

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

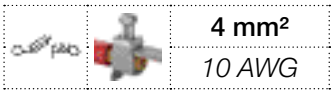


Fuses screw clamp terminal blocks

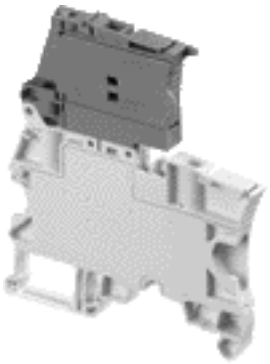
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuses		Grey-dark grey	ZS4-SF1	1SNK508410R0000		50	13.30

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

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



4 mm²
10 AWG



1SNK161021F0014

ZS4-SF

6 mm *0.236 in* spacing

Description

– Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
– Simplify the distribution thanks to the two jumper channels aligned with ZS4 feed-through and ZS4-S-R1 disconnect terminal blocks.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		500 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

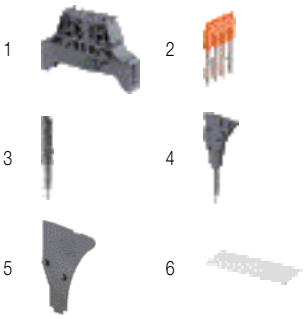
Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories



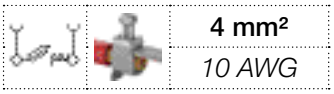
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90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

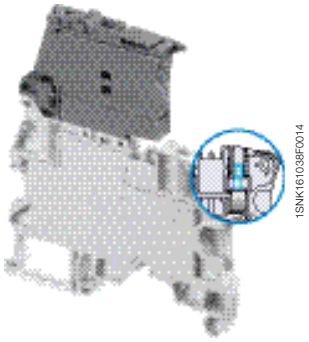
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

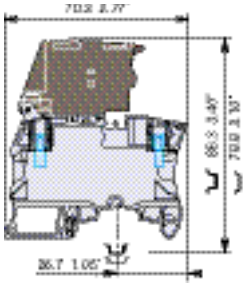
1SNK161005S0201 - Rev. C

ZS4-SF-T screw clamp terminal blocks
For 5x20 fuses - with test socket screws - 6 mm *0.236 in* spacing





ZS4-SF-T



6 mm *0.236 in* spacing

Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Ease the test with built-in test socket screws.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		500 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

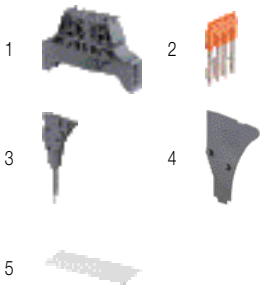
Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories



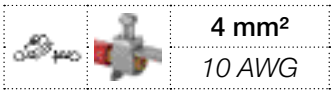
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90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

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

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

1SNK161038S0201 - Rev. C

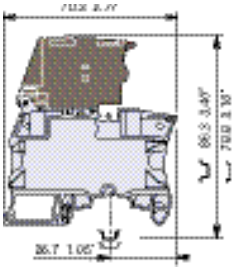
ZS4-SF-R screw clamp terminal blocks
For 5x20 fuses - with blown fuse indicator - 6 mm *0.236 in* spacing



4 mm²
10 AWG

1SNK161039F0014

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	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		500 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

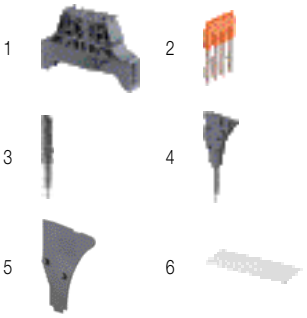
Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories



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

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.

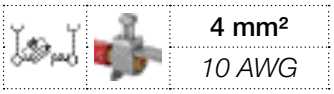
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

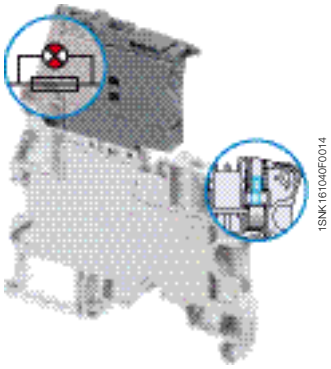
1SNK161006S0201 - Rev. C

ZS4-SF-R screw clamp terminal blocks

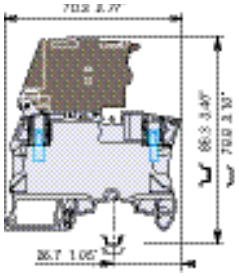
For 5x20 fuses - with blown fuse indicator and test socket screws

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	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		6.3 A / 4 mm²	*10 A / 10 AWG*
Rated voltage		500 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

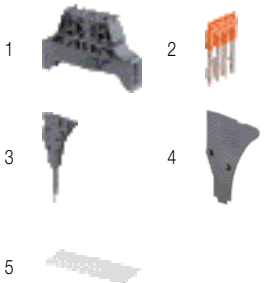
Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

Accessories

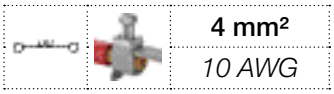


	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90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

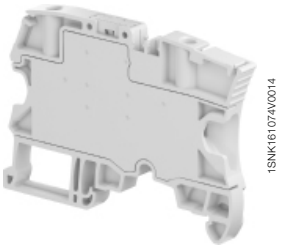
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

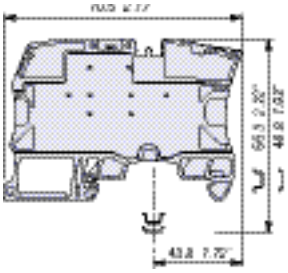
ZS4-R2 screw clamp terminal blocks
Feed-through - 6 mm *0.236 in* spacing



4 mm²
10 AWG



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

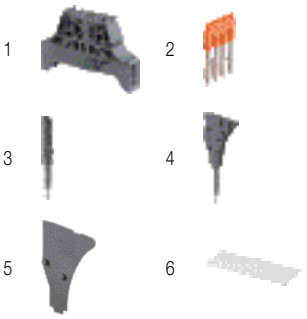
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		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
		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 *0.157 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*	Dark grey	ES-TC6	1SNK900105R0000		10	0.80
6	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000		22	10.00
					MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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

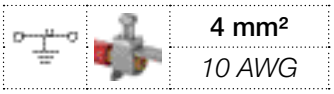
Screw clamp terminal blocks

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

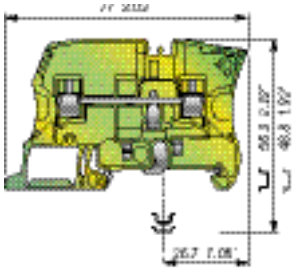
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161083S0201

ZS4-PE-R2 screw clamp terminal blocks
Ground - 6 mm *0.236 in* spacing



ZS4-PE-R2



6 mm *0.236 in* spacing

Description

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

Ordering details

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

Main technical data

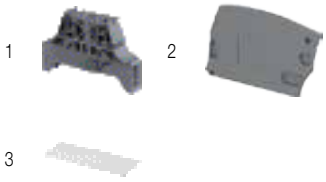
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
Rated cross section		4 mm²	*10 AWG*
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

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	**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.

ZS4-SF

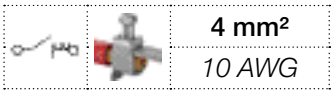
ZS4-S-R1

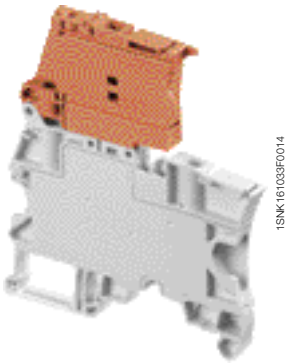
Screw clamp terminal blocks

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

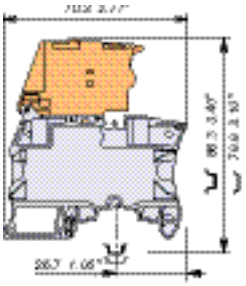
All the technical data for UL/CSA standard and dimensions in inches are in italic.

ZS4-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 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		18 A / 2.5 mm²	*13 A / 10 AWG*
Maximum current / Maximum cross section		18 A / 4 mm²	
Rated short-time withstand current (1s)		300 A	
Rated voltage		400 V	*150 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

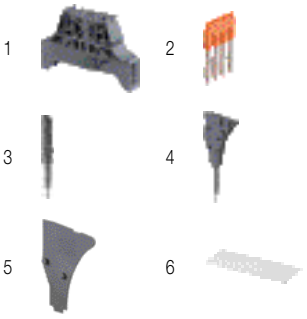
Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm *0.413 in*
Tool		Flat screwdriver Ø 3.5 mm *Ø 0.138 in*
Torque		0.6 N.m ± 0.1 *5.31 lb.in ± 0.885*

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

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

Accessories



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

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

Fuses screw clamp terminal blocks

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

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

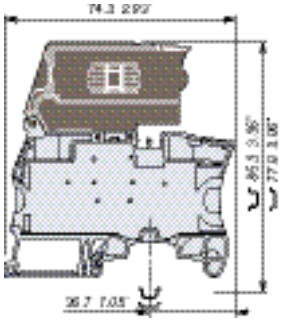
1SNK161043S0201 - Rev. C

ZS10-SF screw clamp terminal blocks
For 6.3x32 (¼ x 1¼ in) fuses - 8 mm *0.315 in* spacing

10 mm²
6 AWG

1SNK161071F0014

ZS10-SF



8 mm *0.315 in* spacing

Description

– Protect your circuits with 6.3x32 mm (*¼ x 1¼ in)* fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
– Simplify the distribution thanks to the two jumper channels.

Ordering details

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

Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		10 A / 10 mm²	*22 A / 6 AWG*
Rated voltage		630 V	*600 V*
Impulse withstand voltage		6000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

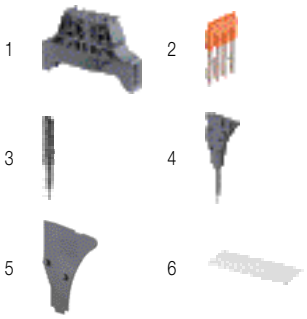
Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

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



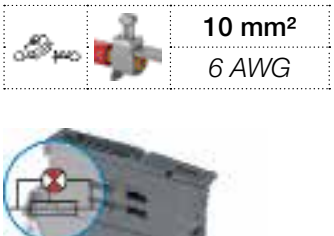
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	57 A	*42 A*	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles				JB8-3	1SNK908303R0000		50	4.10
		4 poles				JB8-4	1SNK908304R0000		50	5.60
		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.

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

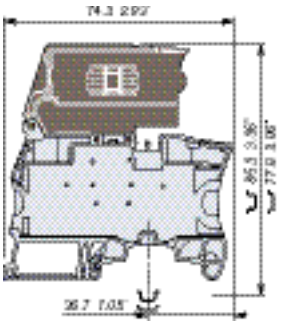
1SNK161052S0201 - Rev. A

ZS10-SF-R screw clamp terminal blocks
For 6.3x32 (¼ x 1¼ in) fuses - with blown fuse indicator
- 8 mm *0.315 in* spacing



10 mm²
6 AWG

ZS10-SF-R



8 mm *0.315 in* spacing

Description

– Protect your circuits with 6.3x32 (*¼ x 1¼ in*) fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
– Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

Ordering details

Description		Color	Type	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

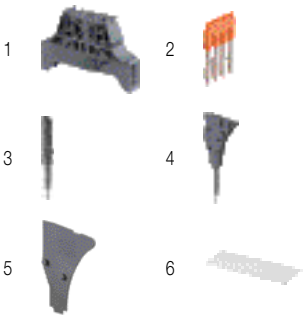
Rail		TH 35-7.5, TH 35-15
Wire stripping length		13 mm *0.512 in*
Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		1.3 N.m ± 0.3 *11.5 lb.in ± 2.65*

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

Accessories



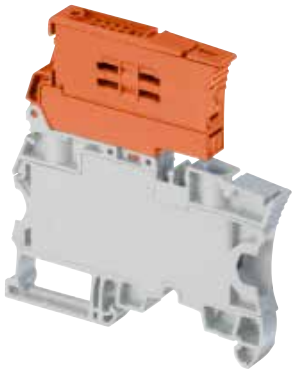
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	57 A *42 A*	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles			JB8-3	1SNK908303R0000		50	4.10
		4 poles			JB8-4	1SNK908304R0000		50	5.60
		5 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.

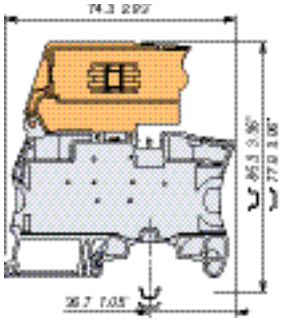
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK161053S0201 - Rev. A

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*
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 / 4 mm²	*22 A / 6 AWG*
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*

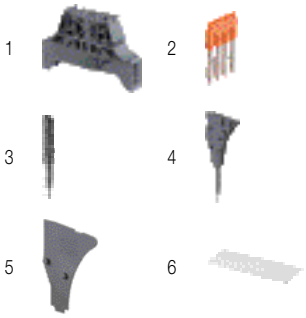
Mounting instructions

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

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

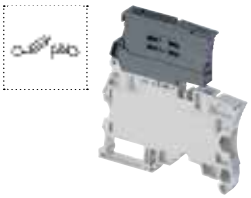
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

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.

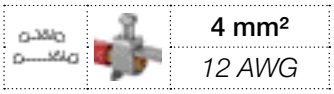


Fuse screw clamp terminal blocks

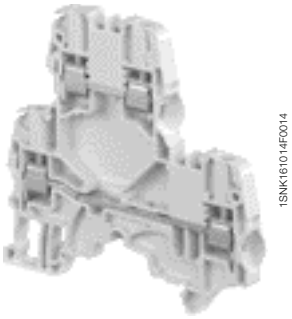
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Fuse	Closed block	Grey, dark grey	ZS10-SF	1SNK508418R0000		50	28.50

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

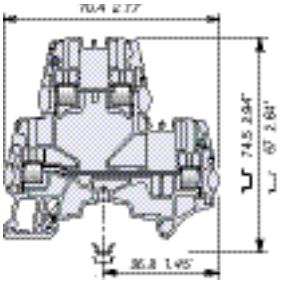
ZS4-D2 screw clamp terminal blocks
Double deck with 2 feed-through circuits - 5.2 mm *0.205 in* spacing



4 mm²
12 AWG



ZS4-D2



5.2 mm *0.205 in* spacing

Description

– Save space with double deck terminal blocks: 2 independent circuits connected in just 5.2 mm *0.205 in* spacing,
– Customize yourself the ZS4-D2 by soldering electronic components (up to 8.8 mm x 3.2 mm *0.346 x 0.125 in*) in the existing linking bars punching.

Ordering details

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

Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 12 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		29 A / 4 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		800 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		440 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/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

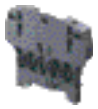
Mounting instructions

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

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
		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
						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.

1 
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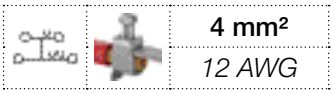
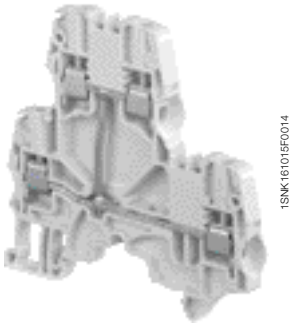
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

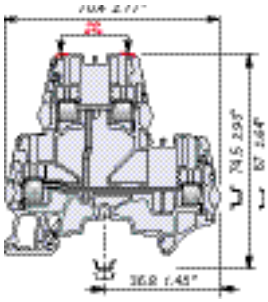
1SNK161003S0201 - Rev. C

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

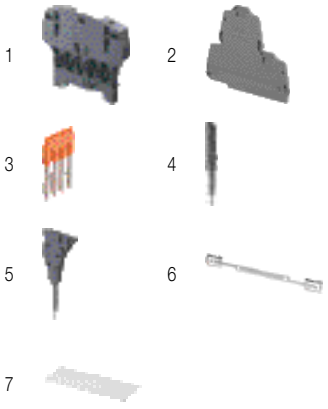
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 12 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		29 A / 4 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A	
Short Circuit Current Rating (with specific conditions)			
Rated voltage		800 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		440 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/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

Mounting instructions

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

Accessories

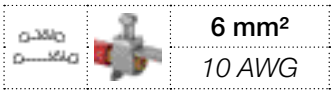


	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
		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
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

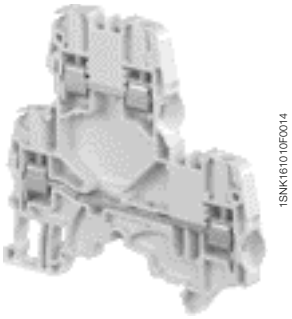
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

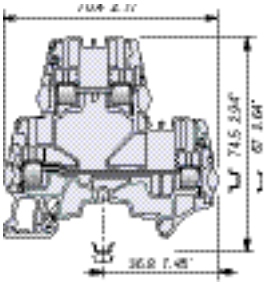
ZS6-D2 screw clamp terminal blocks
Double deck with 2 feed-through circuits - 6 mm *0.236 in* spacing



6 mm²
10 AWG



ZS6-D2



6 mm *0.236 in* spacing

Description

– Save space with double deck terminal blocks: 2 independent circuits connected in just 6 mm *0.236 in* spacing,
– Customize yourself the ZS6-D2 by soldering electronic components (up to 8.8 mm x 3.2 mm *0.346 x 0.125 in*) in the existing linking bars punching.

Ordering details

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

Main technical data

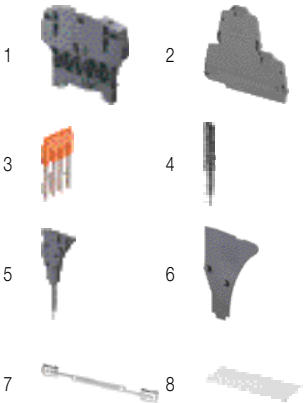
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.2 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm²	*24 ... 14 AWG*
	Flexible	0.2 ... 2.5 mm²	
	with twin ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 10 AWG*
Rated short-time withstand current (1s)		720 A	
Short Circuit Current Rating (with specific conditions)			*100 KA*
Rated voltage		800 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		440 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*	

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

Mounting instructions

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

Accessories



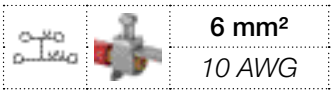
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90
		5 poles				JB6-5	1SNK906305R0000		50	3.60
		10 poles				JB6-10	1SNK906310R0000		20	7.40
		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
						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.

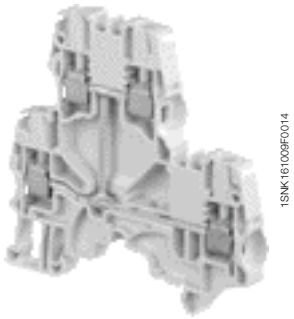
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNK161014S0201 - Rev. C

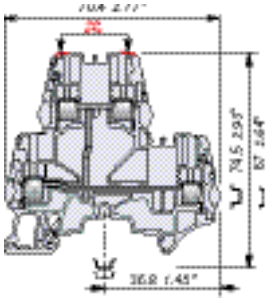
ZS6-D1 screw clamp terminal blocks
Double deck with 1 feed-through circuit - 6 mm *0.236 in* spacing



6 mm²
10 AWG



ZS6-D1



6 mm *0.236 in* spacing

Description

– Ease one potential distribution on 4 independent screw clamps,
– Save space by connecting conductors up to 6 mm² *10 AWG* in just 6 mm *0.236 in* spacing.

Ordering details

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

Main technical data

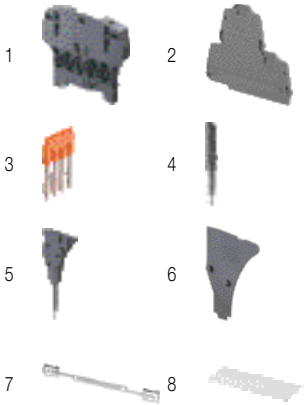
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.2 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm²	*24 ... 14 AWG*
	Flexible	0.2 ... 2.5 mm²	
	with twin ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
Rated current / Rated cross section		40 A / 6 mm²	*30 A / 10 AWG*
Rated short-time withstand current (1s)		720 A	
Short Circuit Current Rating (with specific conditions)			
Rated voltage		800 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e		440 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*	

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

Mounting instructions

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

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*		Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	41 A	*30 A*	Orange	JB6-2	1SNK906302R0000		50	1.30
		3 poles				JB6-3	1SNK906303R0000		50	2.10
		4 poles				JB6-4	1SNK906304R0000		50	2.90
		5 poles				JB6-5	1SNK906305R0000		50	3.60
		10 poles				JB6-10	1SNK906310R0000		20	7.40
		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
						MC612PA	1SNK159999R0000		20	11.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

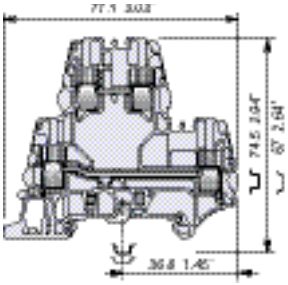
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

6 mm²
10 AWG

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

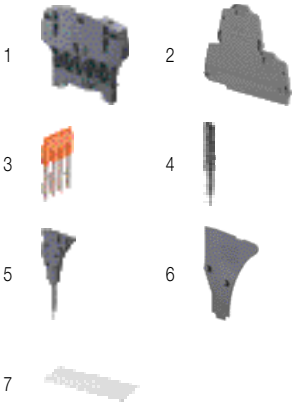
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 2.5 mm²	*24 ... 14 AWG*
	Flexible	0.2 ... 2.5 mm²	
	with twin ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
Rated current / Rated cross section		41 A / 6 mm²	*30 A / 10 AWG*
Rated short-time withstand current (1s)		720 A	
Short Circuit Current Rating (with specific conditions)			
Rated voltage		800 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Increased safety Ex e			

Mounting instructions

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

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

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
						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.

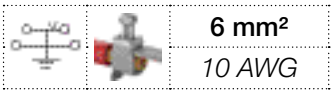
Double deck screw clamp terminal blocks

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

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

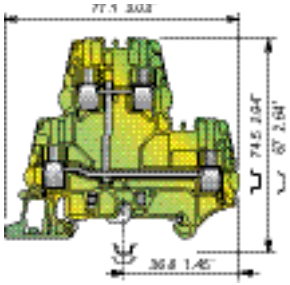
1SNK161048S0201 - Rev. C

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



6 mm²
10 AWG

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

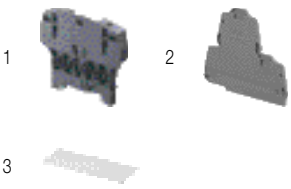
		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 6 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A4-B3	
Rated cross section		6 mm²	*10 AWG*
Rated short-time withstand current (1s)		720 A	*636 A*
Protection		IP20	*NEMA 1*
Explosive atmosphere classification			

Mounting instructions

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

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

Accessories

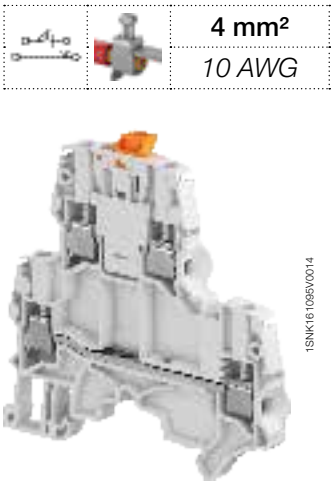


	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*	Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Terminal block markers**	Blank card		White	MC612	1SNK150000R0000		22	10.00
				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

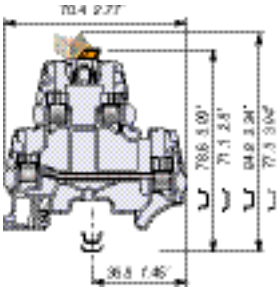
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

ZS4-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

4 mm²
10 AWG

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*
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 ... 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*
Disconnect circuit 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*

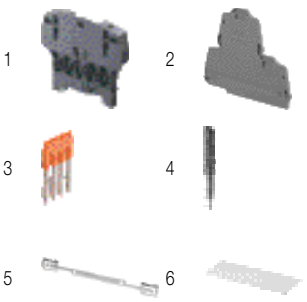
Mounting instructions

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

Accessories



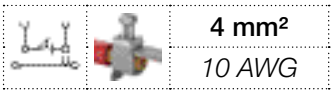
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*	Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	32 A	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles			JB5-3	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	**Shield connectors**	Shield connectors			SHB	1SNK900602R0000		20	4.90
6	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

1SNK161074S0201

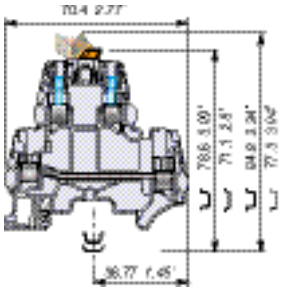
ZS4-D2-S-T2 screw clamp terminal blocks
Double deck with 1 disconnect circuit with test socket screws and 1 feed-through circuit - 5.2 mm *0.205 in* spacing



4 mm²
10 AWG

1SNK161099V0014

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*
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 ... 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*
Disconnect circuit			
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*

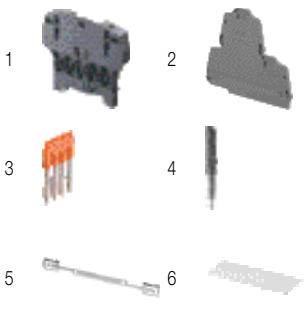
Mounting instructions

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

Accessories



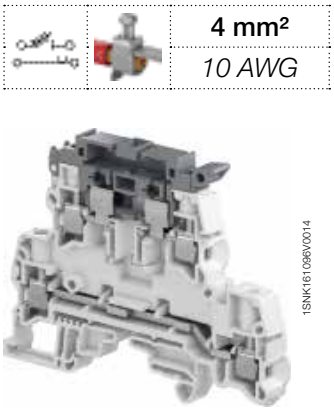
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.55 mm	*0.100 in*	Dark grey	ES4-D2	1SNK505960R0000		20	4.10
3	**Jumper bars**	2 poles	32 A	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles			JB5-3	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	**Shield connectors**				SHB	1SNK900602R0000		20	4.90
6	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

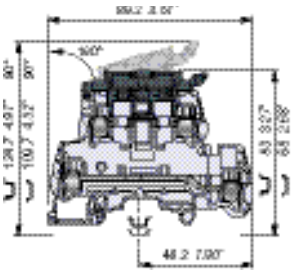
1SNK161075S0201

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

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

4 mm²
10 AWG

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

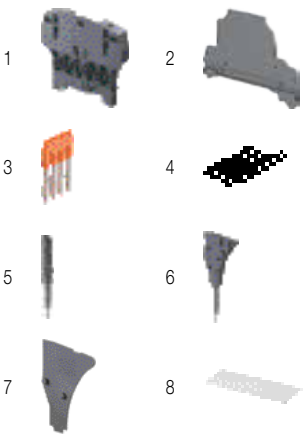
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
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*

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



Accessories

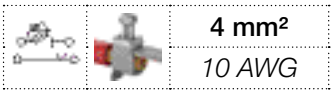
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.5 mm	*0.098 in*	Dark grey	ES4-D2-SF1	1SNK508911R0000		20	4.98
3	**Jumper bars**	2 poles	57 A	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles			JB8-3	1SNK908303R0000		50	4.10
		4 poles			JB8-4	1SNK908304R0000		50	5.60
		5 poles			JB8-5	1SNK908305R0000		40	7.00
		10 poles			JB8-10	1SNK908310R0000		20	14.20
4	**Lateral jumper bars**	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
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
7	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
8	**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.

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

1SNK161076S0201

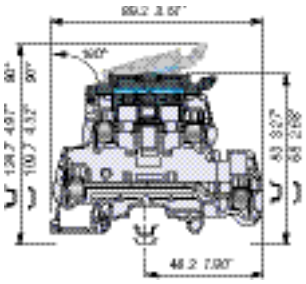
ZS4-D2-SF1-R screw clamp terminal blocks
Double deck with 1 fuse circuit with blown fuse indicator and 1 feed-through circuit - 8 mm *0.315 in* spacing



4 mm²
10 AWG

1SNK161097V0014

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*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 6 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
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*

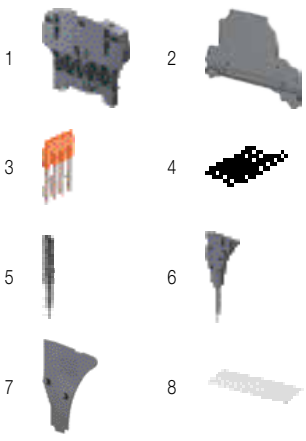
Mounting instructions

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 ± 0.88*

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

Accessories



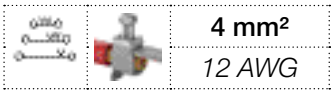
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.5 mm	*0.098 in*	Dark grey	ES4-D2-SF1	1SNK508911R0000		20	4.98
3	**Jumper bars**	2 poles	57 A	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles			JB8-3	1SNK908303R0000		50	4.10
		4 poles			JB8-4	1SNK908304R0000		50	5.60
		5 poles			JB8-5	1SNK908305R0000		40	7.00
		10 poles			JB8-10	1SNK908310R0000		20	14.20
4	**Lateral jumper bars**	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
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.23
7	**Spacers**	2.8 mm	*0.110 in*	Dark grey	ES-TC8	1SNK900104R0000		10	1.35
8	**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.

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

1SNK161077S0201

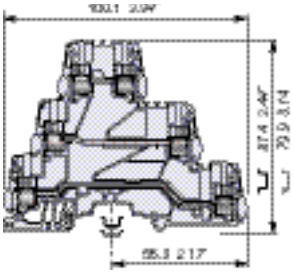
ZS4-T3 screw clamp terminal blocks
Triple deck with 3 feed-through circuits - 5.2 mm *0.205 in* spacing



4 mm²
12 AWG

1SNK161087V0014

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

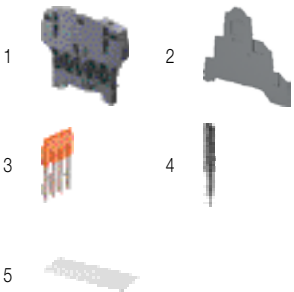
Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 12 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 2.5 mm²	*24 ... 14 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		32 A / 4 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		480 A	
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
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 *5.311 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



Accessories

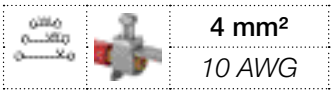
	Description			Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*	Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	0.8 mm	*0.031 in*	Dark grey	ES4-T3	1SNK505961R0000		20	4.16
3	**Jumper bars**	2 poles	32 A	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles			JB5-3	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	**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.

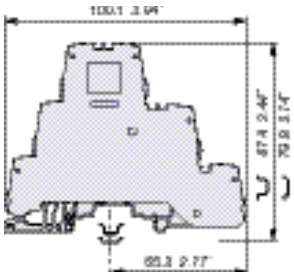
1SNK161072S0201

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

ZS4-T3-R1 screw clamp terminal blocks
Triple deck with 3 feed-through circuits - 6 mm *0.236 in* spacing



ZS4-T3-R1



6 mm *0.236 in* spacing

Description

Unique triple deck solution combining increased connecting capacity (up to 4 mm² with ferrule) and jumper channel available on each deck,
– fit many applications: space constraints, multiple signals distribution, sensors distribution,
– closed terminal block: no end section needed, optimized rigidity.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Triple deck	Closed block with 3 feed-through circuits	Grey	ZS4-T3-R1	1SNK506213R0000		25	28.30

Main technical data

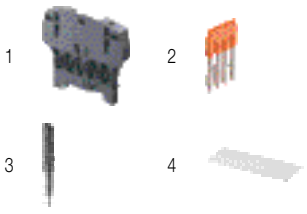
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	*24 ... 10 AWG*
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	with insulated ferrule	0.22 ... 4 mm²	*24 ... 12 AWG*
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	*24 ... 16 AWG*
	Flexible	0.2 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	*24 ... 16 AWG*
Rated current / Rated cross section		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 ± 0.88*

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	BAZH1	1SNK900102R0000		20	23.90
2	**Jumper bars**	6 mm	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*		Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.41
4	**Terminal block markers**	Blank card		White	MC512	1SNK140000R0000		22	9.00
					MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder		Grey	UMH	1SNK900611R0000		10	0.20

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.

1SNK161073S0201

SNK series, terminal blocks
Screw clamp technology
Test & measurement

Secure your measurement operations

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

High performances

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

Rely on our smart design

Insulated short circuit bridges:
SC-JB8

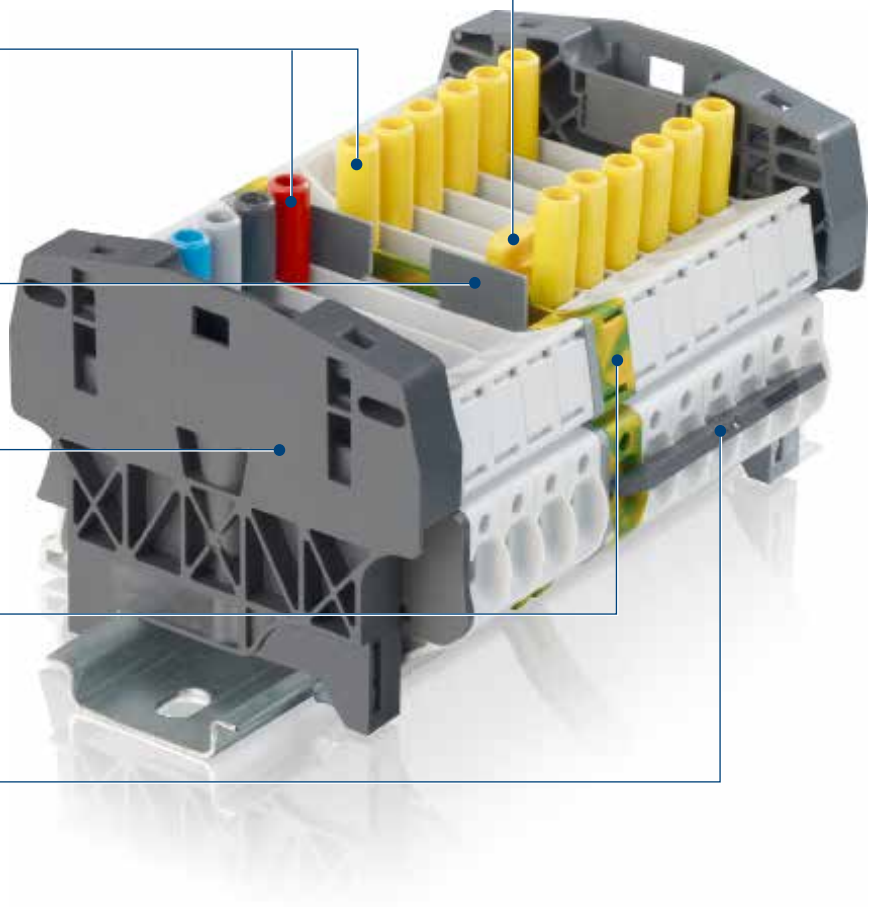
Insulated captive test sockets:
AJS9
6 colors
compatible with standard
DIA. 4 mm test plugs
(IEC 60010-031)

Circuit separators: CS
For visual separation between
CT & PT circuits

Protecting cover kits: KCO

New ground terminal block:
ZS10-PE-R1

Lateral jumper bar: PC8
For CT or PT commoning



1SNK160057S0201

Assembly with protecting cover

Drilling and centering guide

Guarantee access only to authorized operators

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

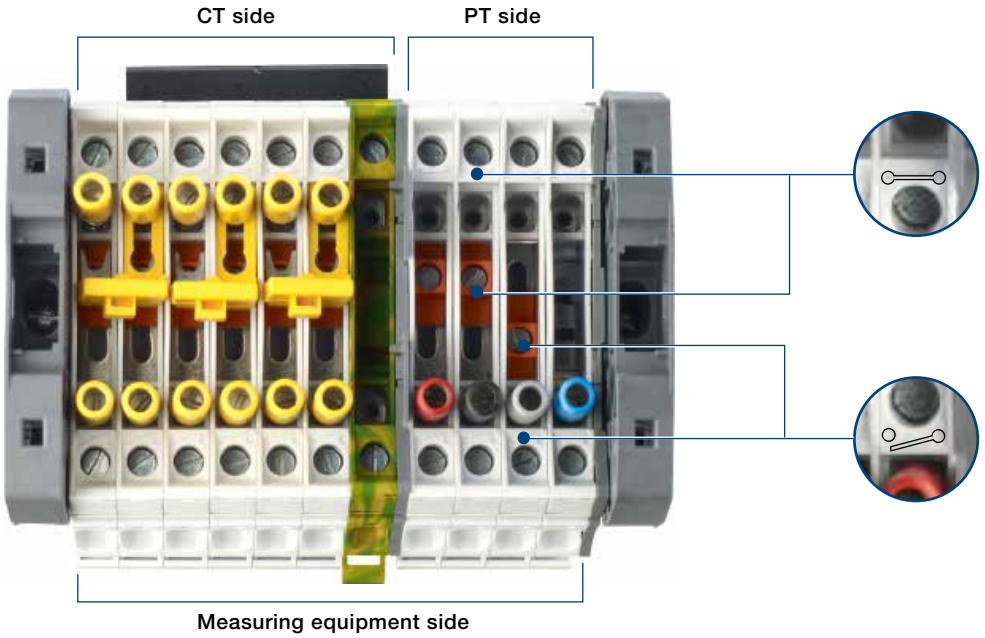
Centering drilling guide for seal or cable tie.

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

– Hook shape on each side for convenient removal with screwdriver

Seal with cable tie

Convenient removal with screwdriver



Short-circuit CT circuits safely and conveniently

1 Fully operated by screwdriver (DIA 3.5 mm)

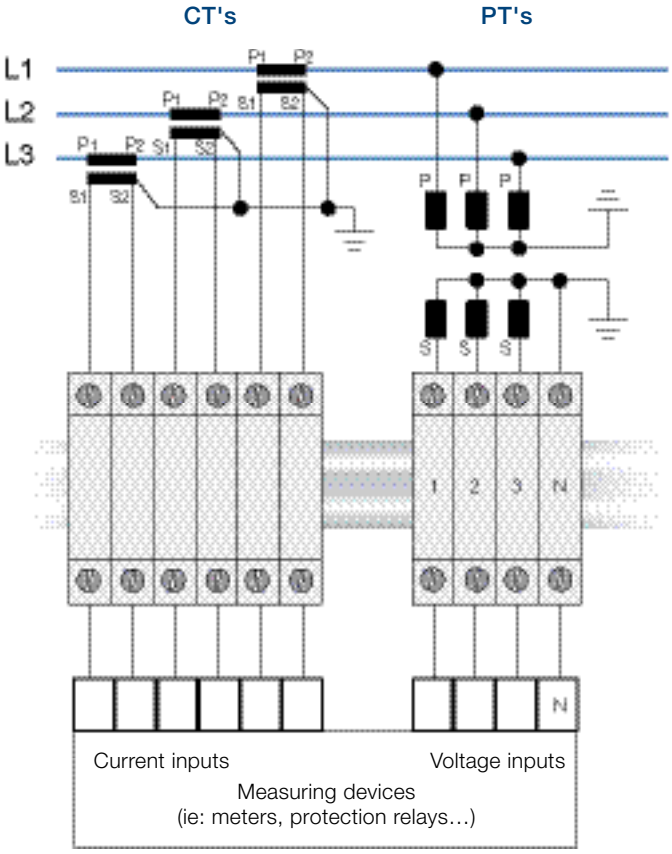
2 Short-circuited position secured thanks to AJS9 test sockets tightening

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

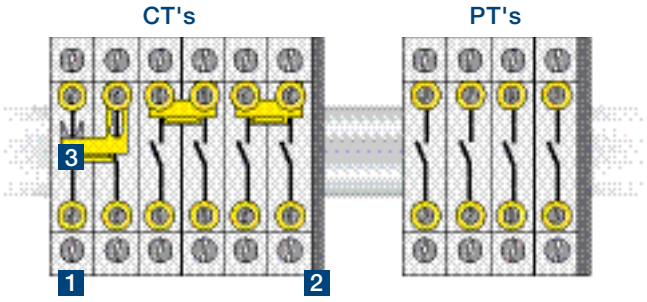
1SNK160057S0201

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

Common point on the transformers

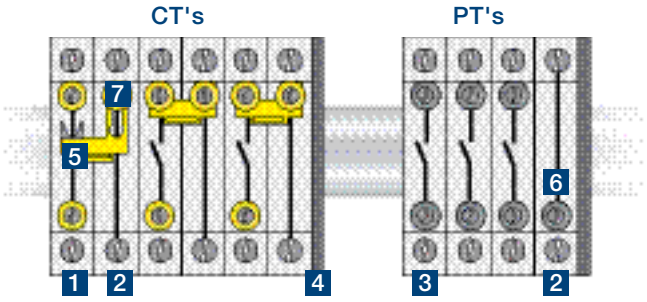


Bill of material optimized



Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	6	4
2 End section	ES10-ST	1SNK508910R0000	1	1
3 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0

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

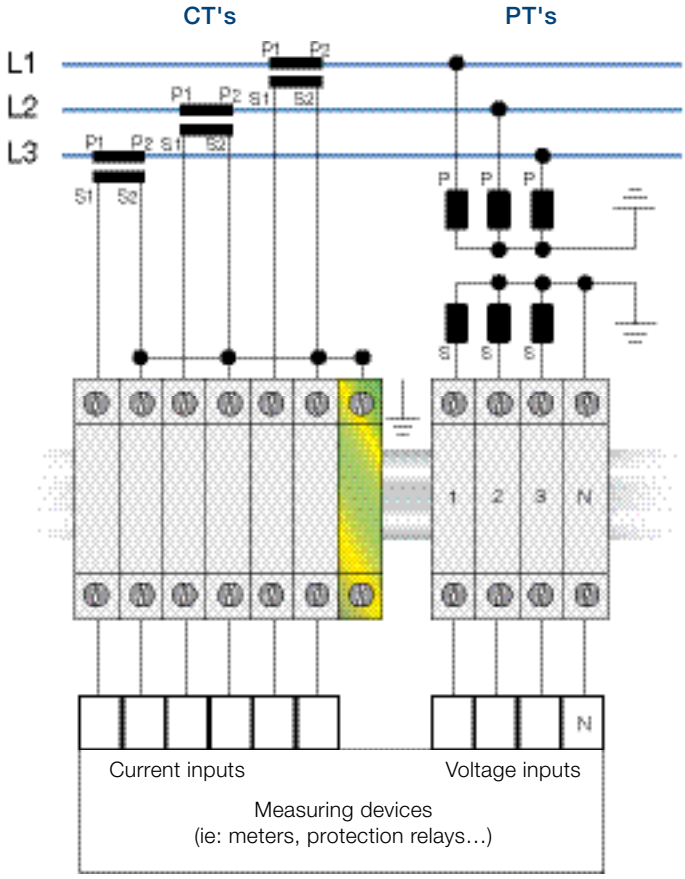


Description	Type	Order code	Qty needed	
			CT's	PT's
1 Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0
2 Terminal block	ZS10-R1	1SNK508011R0000	3	1
3 Terminal block	ZS10-ST-1	1SNK508312R0000	0	3
4 End section	ES10-ST	1SNK508910R0000	1	1
5 Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0
6 Test socket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

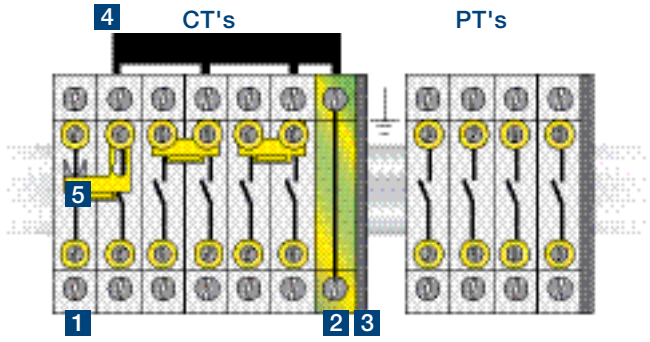
1SNK160058S0201

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

Common point on the terminal block assembly

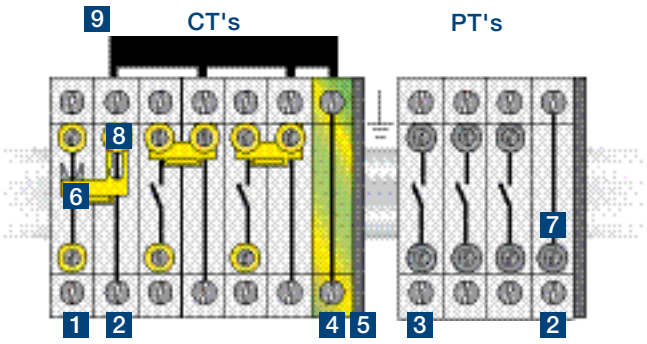


Bill of material optimized



	Description	Type	Order code	Qty needed	
				CT's	PT's
1	Terminal block	ZS10-ST-T4	1SNK508311R0000	6	4
2	Terminal block	ZS10-PE-R1	1SNK508151R0000	1	0
3	End section	ES10-ST	1SNK508910R0000	1	1
4	Lateral jumper bars	PC8-R1	1SNA400711R0600	1	0
5	Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0

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



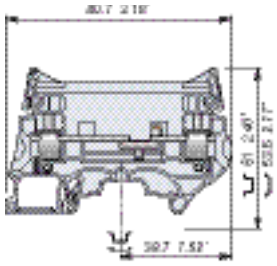
	Description	Type	Order code	Qty needed	
				CT's	PT's
1	Terminal block	ZS10-ST-T4	1SNK508311R0000	3	0
2	Terminal block	ZS10-R1	1SNK508011R0000	3	1
3	Terminal block	ZS10-ST-1	1SNK508312R0000	0	3
4	Terminal block	ZS10-PE-R1	1SNK508151R0000	1	0
5	End section	ES10-ST	1SNK508910R0000	1	1
6	Short-circuit bridges	SC-JB8-2	1SNK900652R0000	3	0
7	Test socket	AL4-M3	1SNA206721R0100	0	1
8	Insulated test socket	AJS9	1SNA179726R0200	3	0
9	Lateral jumper bars	PC8-R1	1SNA400711R0600	1	0

1SNK160058S0201

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

10 mm²
6 AWG

ZS10-ST



8 mm *0.315 in* spacing

Description

- Secure your disconnect operations in control circuits with the robust sliding link operated with a screwdriver,
- Customize ZS10-ST with colored test sockets in order to identify conveniently each phase of the Current Transformer or Potential Transformers secondary circuits,
- Fully compatible with the ZS10-ST-T4 accessories: 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

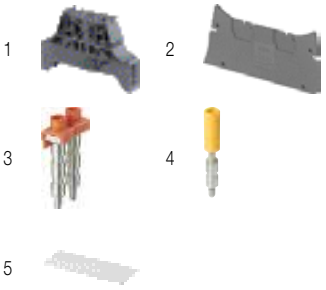
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

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

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

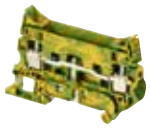
Accessories



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

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

ZS10-R1



ZS10-PE-R1

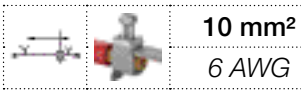
Screw clamp terminal blocks

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

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

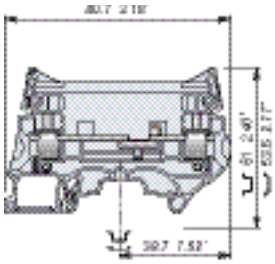
1SNK161056S0201 - Rev. A

ZS10-ST-1 screw clamp terminal blocks
Test disconnect with sliding link for Potential Transformer circuits
8 mm *0.315 in* spacing



10 mm²
6 AWG

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

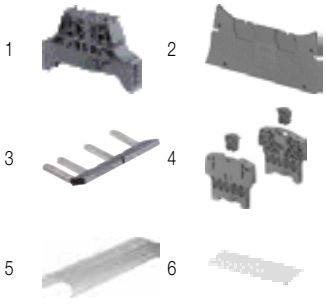
Main technical data

Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP10	*NEMA 1*

Mounting instructions

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

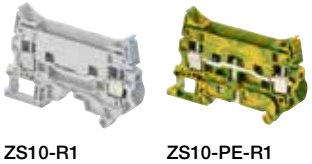
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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



Accessories

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

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.



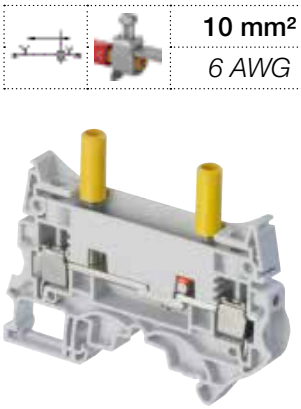
ZS10-R1 **ZS10-PE-R1**

Screw clamp terminal blocks

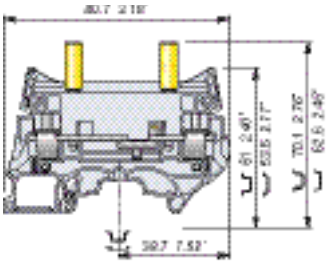
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey	ZS10-R1	1SNK508011R0000		25	20.90
Ground	Profile aligned with ZS10-ST...	Green-yellow	ZS10-PE-R1	1SNK508151R0000		25	28.40

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

ZS10-ST-T4 screw clamp terminal blocks
Test disconnect with sliding link for Current Transformer circuits
8 mm *0.315 in* spacing



ZS10-ST-T4



8 mm *0.315 in* spacing

10 mm²
6 AWG

Description

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

Ordering details

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

Main technical data

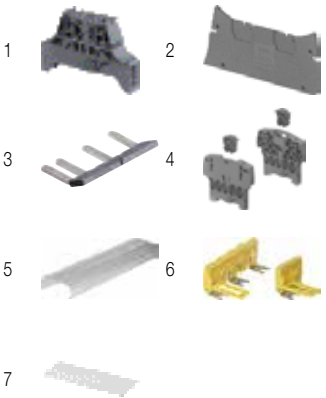
Connecting capacity		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		50 A / 10 mm²	*53 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

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

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

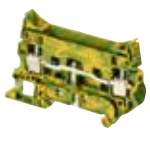
Accessories



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

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

ZS10-R1



ZS10-PE-R1

Screw clamp terminal blocks

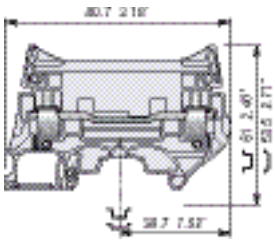
Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	Profile aligned with ZS10-ST...	Grey	ZS10-R1	1SNK508011R0000		25	20.90
Ground	Profile aligned with ZS10-ST...	Green-yellow	ZS10-PE-R1	1SNK508151R0000		25	28.40

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

1SNK161057S0201 - Rev. A

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*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 10 mm²	*24 ... 6 AWG*
	Flexible	0.5 ... 10 mm²	
	with non insulated ferrule	0.5 ... 10 mm²	*24 ... 8 AWG*
	with insulated ferrule	0.5 ... 6 mm²	*24 ... 10 AWG*
	Gauge	A5-B5	
2 conductors per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 4 mm²	
	with twin ferrule	0.5 ... 4 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		57 A / 10 mm²	*62 A / 6 AWG*
Rated short-time withstand current (1s)		1200 A	
Short Circuit Current Rating (with specific conditions)			
Rated voltage		630 V	*300 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*
Rated voltage Ex e			

Mounting instructions

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

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

Accessories

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

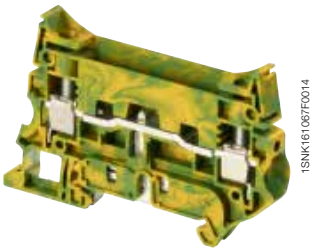
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

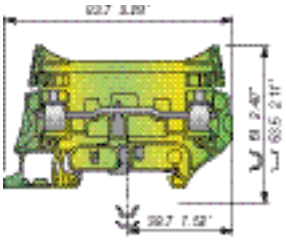
1SNK161059S0201 - Rev. A

ZS10-PE-R1 screw clamp terminal blocks
Ground - 8 mm *0.315 in* spacing

10 mm²
6 AWG



ZS10-PE-R1



8 mm *0.315 in* spacing

3

Description

With the same profile as the ZS10-ST..., the ground ZS10-PE-R1 allows you to fully implement the electrical drawing of your CT or PT circuits:
- Fully compatible with the ZS10-ST... accessories,
- Short-circuit performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

Ordering details

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

Main technical data

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

Mounting instructions

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

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

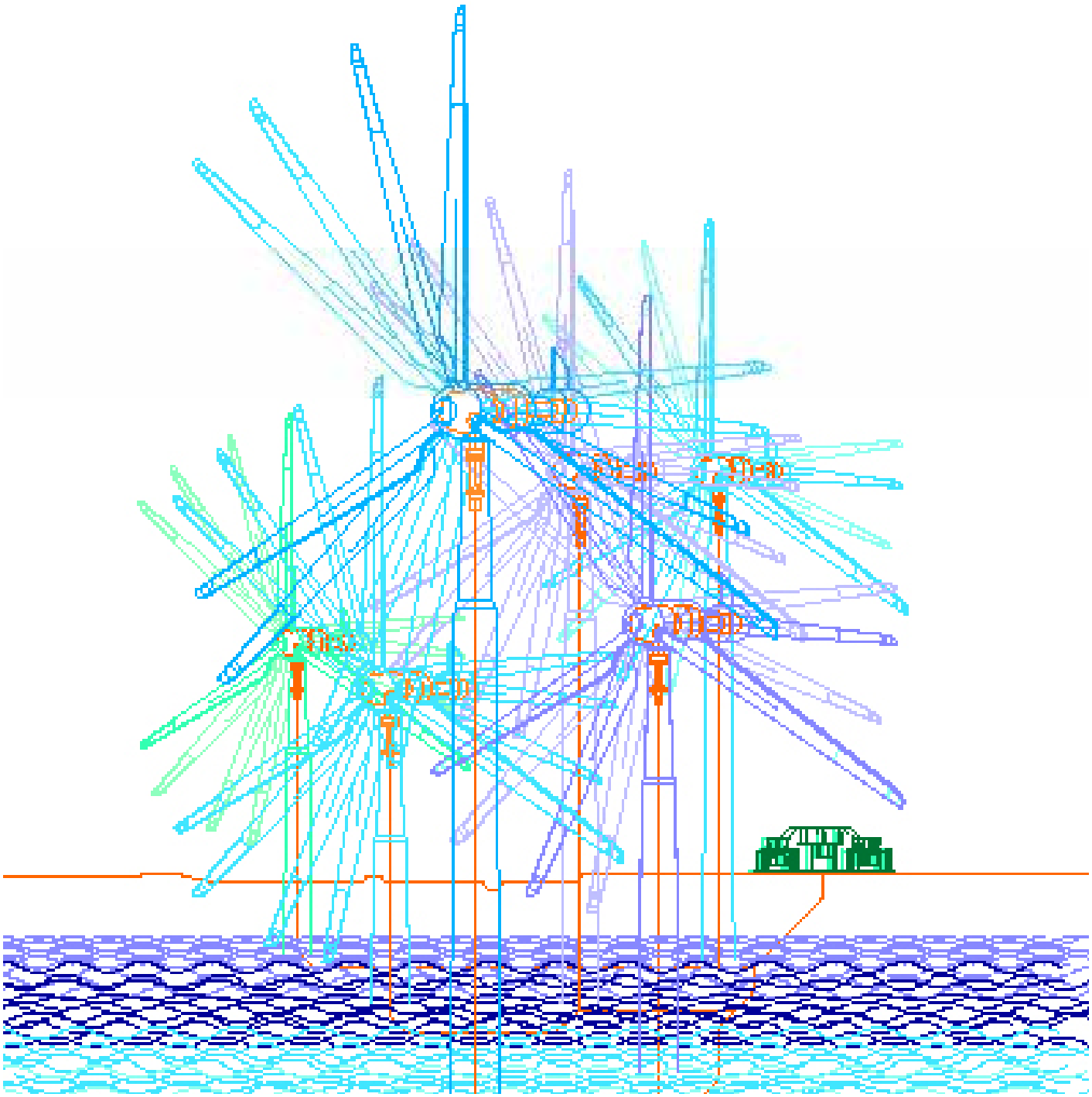
Accessories

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

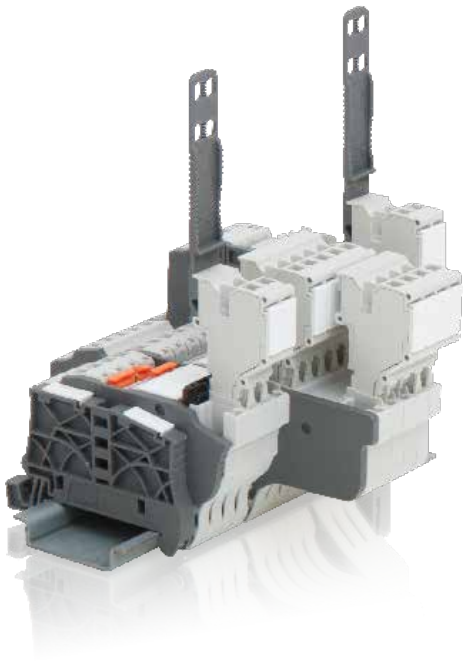
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

1SNK161058S0201 - Rev. A



PB-125



SNK series, pluggable PI-Spring screwless terminal blocks

Feed-through - pluggable

2.5 mm² / *12 AWG*	**ZDP2.5-11**		128
	ZDP2.5-22		129

Double deck - pluggable

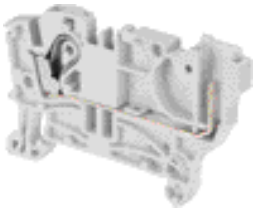
2.5 mm² / *12 AWG*	**ZDP2.5-D2**	2 feed-through circuits	130
	ZDP2.5-D1	1 feed-through circuit	131

Female plugs

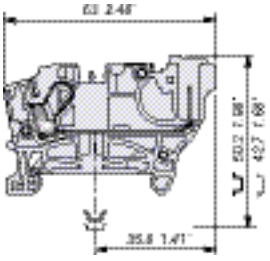
2.5 mm² / *12 AWG*	**C2.5-ZDP**		132

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

	2.5 mm²
	12 AWG



ZDP2.5-11



5.2 mm *0.205 in* spacing

4

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

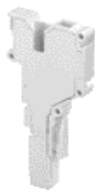
Main technical data

		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



Female plugs

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

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	5.2 mm	*0.205 in*		Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EP2.5	1SNK605910R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
		50 poles				JB5-50	1SNK905350R0000		10	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Coding pegs**				Dark grey	COP-ZDP	1SNK900635R0000		10	0.20
8	**Locking devices**	10.4 mm *0.410 in* spacing			Black	VRD-5	1SNK900626R0000		20	0.20
9	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

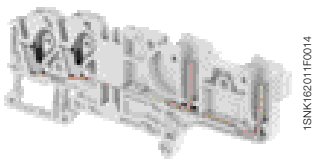
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

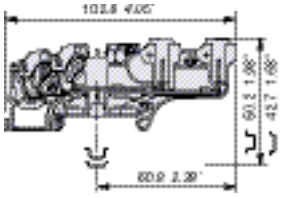
1SNK162012S0201 - Rev. B

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

2.5 mm²
12 AWG



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*

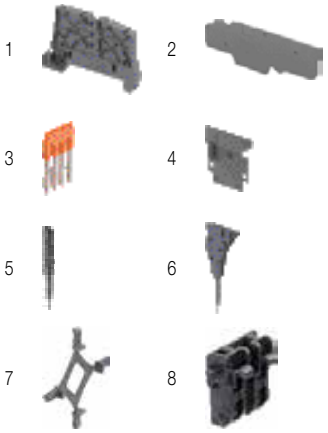
Mounting instructions

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**	5.2 mm	*0.205 in*		Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EDP2.5-22	1SNK805912R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
		50 poles				JB5-50	1SNK905350R0000		10	36.10
4	**Circuit separators**	0 mm	*0 in*		Dark grey	CS	1SNK900101R0000		20	0.20
5	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
6	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
7	**Coding pegs**				Dark grey	COP-ZDP	1SNK900635R0000		10	0.20
8	**Locking devices**	10.4 mm *0.410 in* spacing			Black	VRD-5	1SNK900626R0000		20	0.20
9	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

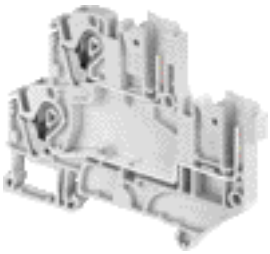
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

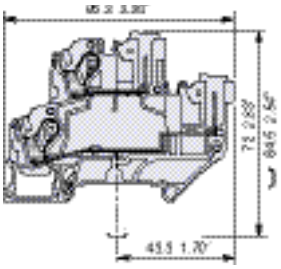
1SNK162013S0201 - Rev. B

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

2.5 mm²
12 AWG



ZDP2.5-D2



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

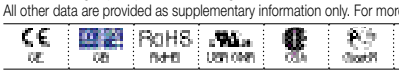
Main technical data

		IEC	*UL - CSA*
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 4 mm²	*20 ... 12 AWG*
	Flexible	0.5 ... 2.5 mm²	
	with non insulated ferrule	0.5 ... 2.5 mm²	*20 ... 12 AWG*
	with insulated ferrule	0.5 ... 2.5 mm²	*20 ... 12 AWG*
Rated current / Rated cross section		22 A / 2.5 mm²	*20 A / 12 AWG*
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	*600 V*
Impulse withstand voltage		8000 V	
Protection		IP20	*NEMA 1*

Mounting instructions

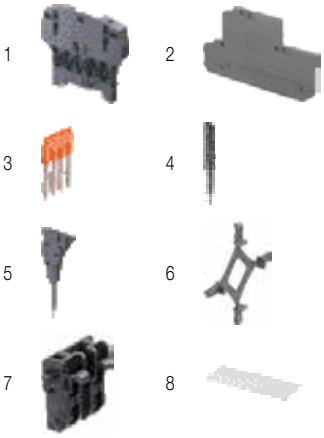
Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm *0.433 in*
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø *0.138 in*

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



Female plugs

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



Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EDP2.5-D2	1SNK805960R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Coding pegs**				Dark grey	COP-ZDP	1SNK900635R0000		10	0.20
7	**Locking devices**	10.4 mm *0.410 in* spacing			Black	VRD-5	1SNK900626R0000		20	0.20
8	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

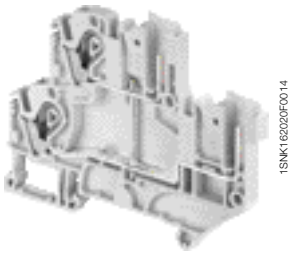
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

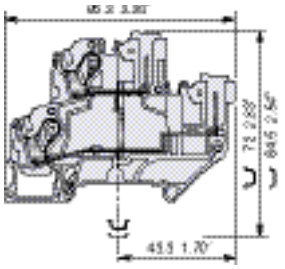
1SNK162014S0201 - Rev. B

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

2.5 mm²
12 AWG



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

Female plugs

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

Accessories

	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Dark grey	BAZH1	1SNK900102R0000		20	23.90
2	**End sections**	2.2 mm	*0.087 in*		Dark grey	EDP2.5-D2	1SNK805960R0000		20	2.60
3	**Jumper bars**	2 poles	32 A	*30 A*	Orange	JB5-2	1SNK905302R0000		50	1.30
		3 poles				JB5-3	1SNK905303R0000		50	2.00
		4 poles				JB5-4	1SNK905304R0000		50	2.70
		5 poles				JB5-5	1SNK905305R0000		50	3.50
		10 poles				JB5-10	1SNK905310R0000		30	7.10
4	**Test adapters**	For test plugs DIA 2 mm *0.079 in*			Dark grey	TP2	1SNK900203R0000		20	1.73
		For test plugs DIA 4 mm *0.160 in*				TP4	1SNK900205R0000		20	2.41
5	**Test connectors**	5.2 mm *0.205 in* spacing			Dark grey	TC5	1SNK900200R0000		10	5.23
		End module, 5.2 mm *0.205 in*				TC5-R1	1SNK900201R0000		10	5.23
6	**Coding pegs**				Dark grey	COP-ZDP	1SNK900635R0000		10	0.20
7	**Locking devices**	10.4 mm *0.410 in* spacing			Black	VRD-5	1SNK900626R0000		20	0.20
8	**Terminal block markers**	Blank card			White	MC512	1SNK140000R0000		22	9.00
						MC512PA	1SNK149999R0000		20	10.00
		Universal wire markers holder			Grey	UMH	1SNK900611R0000		10	0.20

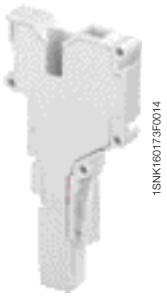
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

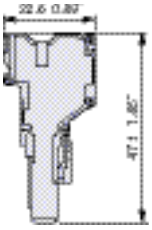
C2.5-ZDP female plugs

5.2 mm *0.205 in* spacing

2.5 mm²	
12 AWG	



C2.5-ZDP



5.2 mm *0.205 in* spacing

Description

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

Ordering details

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

Main technical data

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

Mounting instructions

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

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

Accessories

1

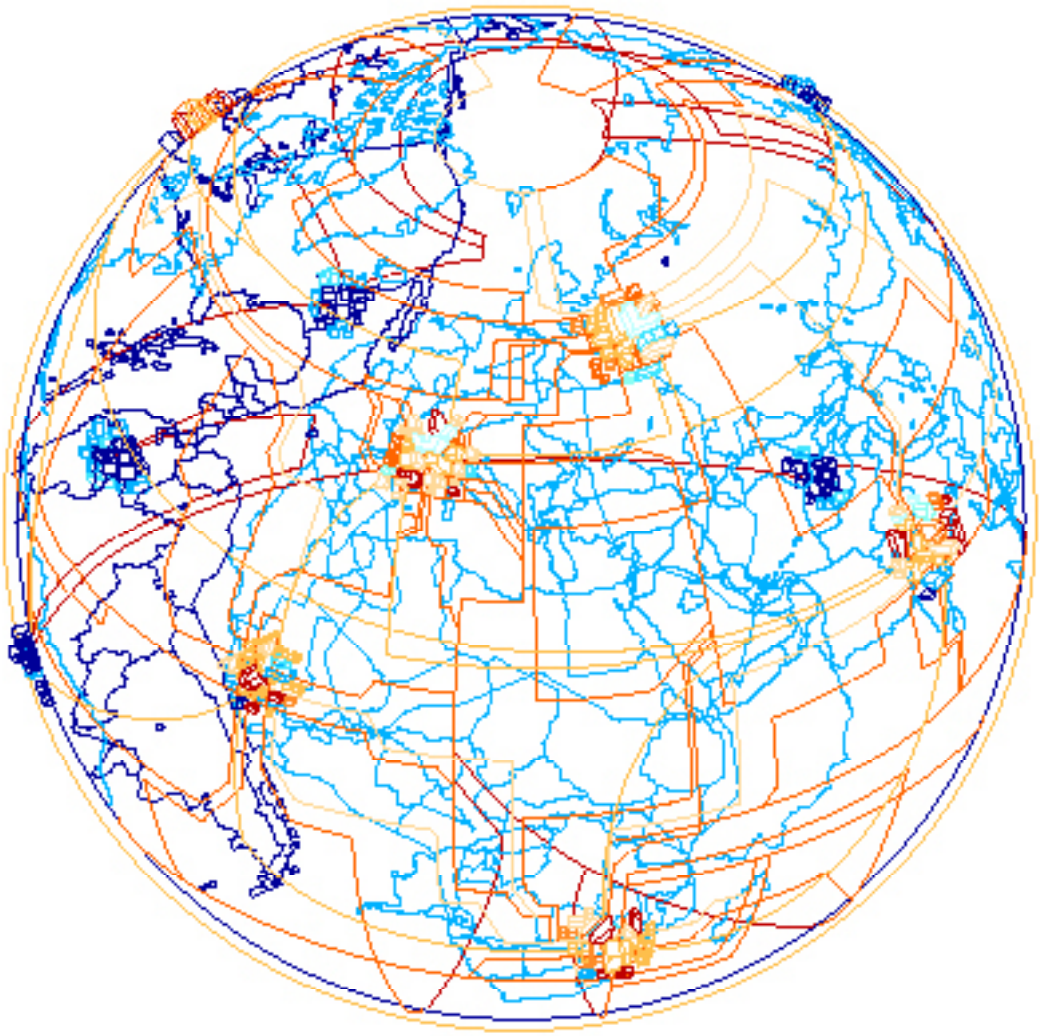
2

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

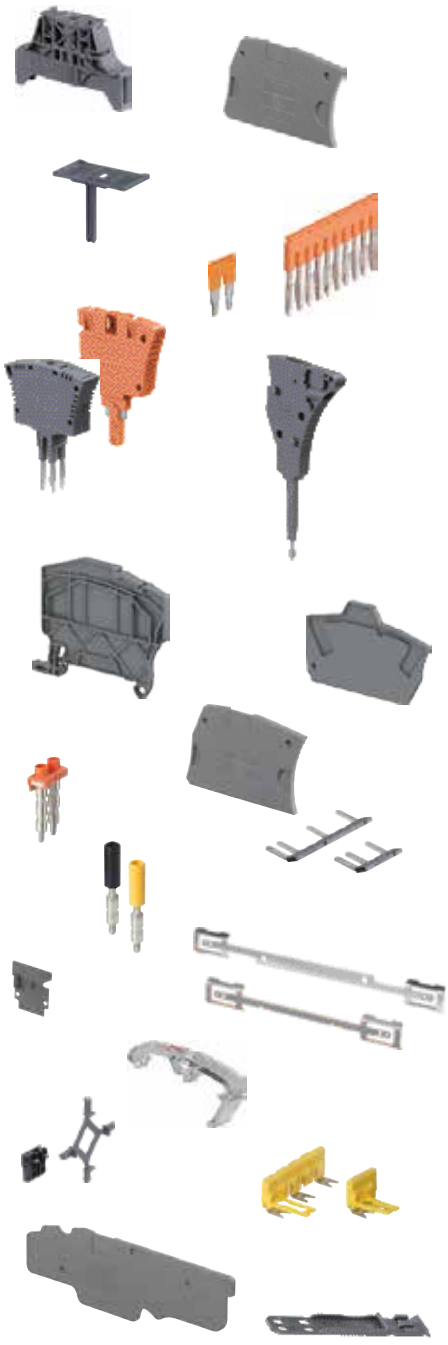
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

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

1SNK162016S0201 - Rev. B



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**	152

PI-Spring terminal block accessories

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

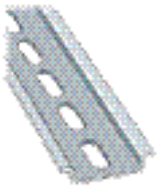
Screw clamp terminal block accessories

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

DIN rail
Common terminal block accessories

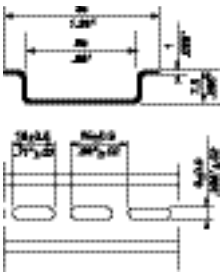


PR30

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	Global order code	US order code	Pkg pce	Weight (1 pce) lbs
Prepunched rail 2m long		PR30	1SNA173220R0500	017322005	20	2.8



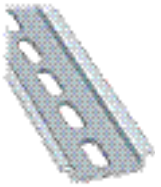
2000 mm *78 in* spacing

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.

Mounting instructions
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing (1 mm *0.039 in* rail thickness only), fixing is recommended every 250 mm *9.84 in*;
- to prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm *0.295 in* rail height only).



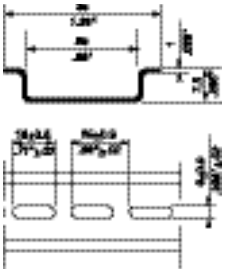
PR3.Z2

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	Global order code	US order code	Pkg pce	Weight (1 pce) lbs
		PR30	1SNA101508R0400	010150804	20	1.76

Prepunched rail 1m long



1000 mm *39 in spacing*

Main technical data

Material	Zinc plating and passivation steel	
Rail		
	IEC	*UL - CSA*
Equivalent E-Cu cross section	16 mm²	*4 AWG*

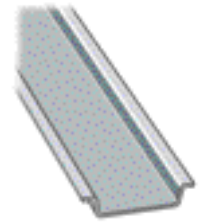
All the main technical data provided are "manufacturer" values.

Mounting instructions
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing (1 mm *0.039 in* rail thickness only), fixing is recommended every 250 mm *9.84 in*;
- to prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm *0.295 in* rail height only).

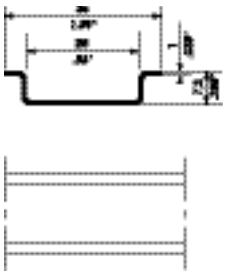
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160017S0201 - Rev. B

DIN rail
Common terminal block accessories



PR3.G2



2000 mm *78 in* spacing

Description
- Symmetrical mounting rail made of galvanised steel, complying with IEC60715,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

Ordering details

Description	Color	Type	Global order code	US order code	Pkg pce	Weight (1 pce) lbs
Solid rail 2m long		PR3.Z2	1SNA164800R0300	017430017	20	1.32

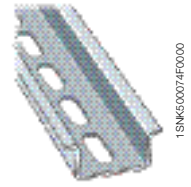
Main technical data

Material	Zinc plated and passivated steel	
Rail	TH 35-7.5	
	IEC	*UL - CSA*
Equivalent E-Cu cross section	16 mm²	*4 AWG*

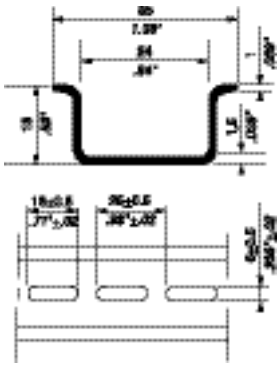
All the main technical data provided are "manufacturer" values.

RoHS

Mounting instructions
- in order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- to prevent the rail from flexing (1 mm *0.039 in* rail thickness only), fixing is recommended every 250 mm *9.84 in*;
- to prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm *0.295 in* rail height only).



PR50



2000 mm *78 in* spacing

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

Ordering details

Description	Color	Type	Global order code	US order code	Pkg pce	Weight (1 pce) lbs
Prepunched rail 2m long		PR50	1SNA178529R0400	010159826	10	2.71

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.

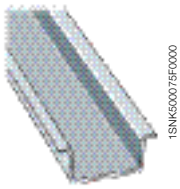
RoHS

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

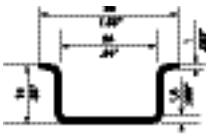
All the technical data for UL/CSA standard and dimensions in inches are in italic.

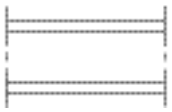
1SNK160040S0201 - Rev. B

PR mounting rail
Common terminal block accessories



PR5





2000 mm *78 in* spacing

Description

Symmetrical mounting rail.

Ordering details

Description	Color	Type	Global order code	US order code	Pkg pce	Weight (1 pce) lbs
Solid rail 2m long		PR5	1SNA168700R2200	016870022	10	2.95

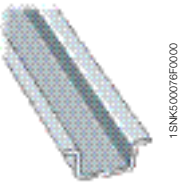
Main technical data

Material	Zinc plating and passivation steel	
Rail		
	IEC	*UL - CSA*
Equivalent E-Cu cross section		

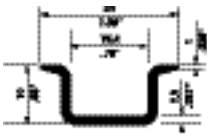
All the main technical data provided are "manufacturer" values.

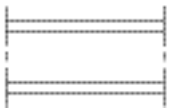
Mounting instructions

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



PR4





2000 mm *78 in* spacing

Description

- Symmetrical mounting rail complying with IEC60715,
- The rigidity of the rail is maximised by the 2.3 mm *0.090 in* thickness of the rail, and by its solid, non slotted construction,
- PR4 TH 35-15 is the most rigid mounting rail solution and it can support any electrical devices.

Ordering details

Description	Color	Type	Global order code	US order code	Pkg pce	Weight (1 pce) lbs
Solid rail 2m long Recommended for SNK ground terminal blocks up to 35 mm² *2 AWG*		PR4	1SNA168500R1200	016850012	10	915.00 4.06

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.

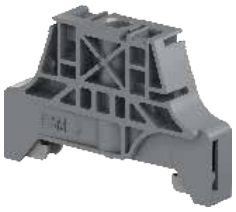
Mounting instructions

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

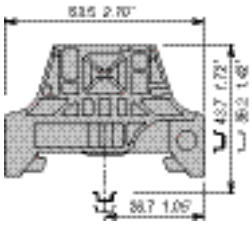
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160041S0201 - Rev. B

Screw end stops
Common terminal block accessories



BAM3



10 mm *0.394 in* spacing

Mounting instructions

BAM3 screw end stops

Description

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

Ordering details

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

Main technical data

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

Mounting instructions

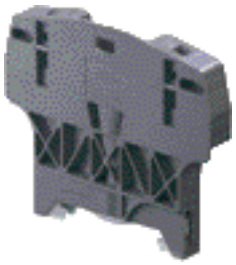
Rail		TH 35-7.5, TH 35-15
Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		1.3 N.m ± 0.1 *11.44 lb.in ± 0.88*

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

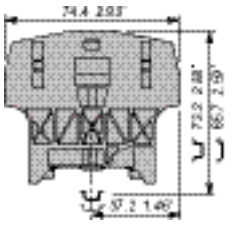
RoHS

Accessories

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



BAZH1



10 mm *0.394 in* spacing

BAZH1 screw end stops

Description

– Give efficient support to the SNK double deck or power terminal blocks assemblies thanks to the BAZH1 double gripping rail contact,
– Ease the assemblies identification with label holders.

Ordering details

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

Main technical data

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

Mounting instructions

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

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

RoHS

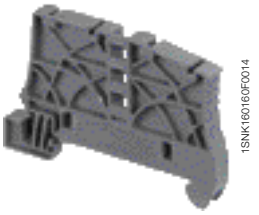
Accessories

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

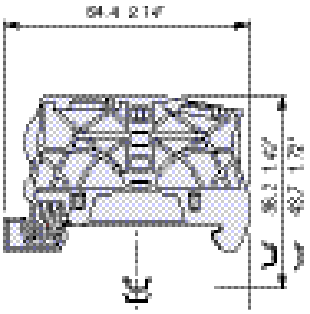
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160026S0201 - Rev. B

Screwless end stops
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*

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

Mounting instructions

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

Accessories

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

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

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 pce	Weight (1 pce) g
19.5 mm *0.768 in* width	Dark grey	LH-R1	1SNK900607R0000	50	1.08

Main technical data

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

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

Accessories

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

LH

10 mm *0.394 in* spacing

LH label holders

Description

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
10 mm *0.394 in* width	Dark grey	LH	1SNK900605R0000	50	0.60

Main technical data

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

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

Accessories

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Label	For LH label holder	White	MCLH	1SNK900630R0000	25	10.00
		Yellow	MCLH-YL	1SNK900633R0000	25	10.00

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

1SNK160023S0201 - Rev. B

JB5 screwless jumper bars
Common terminal block accessories

JB5

5.2 mm *0.205 in* spacing

5

Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
5.2 mm *0.205 in* spacing	2 poles	Orange	JB5-2	1SNK905302R0000		50	1.30
	3 poles		JB5-3	1SNK905303R0000		50	2.00
	4 poles		JB5-4	1SNK905304R0000		50	2.70
	5 poles		JB5-5	1SNK905305R0000		50	3.50
	10 poles		JB5-10	1SNK905310R0000		30	7.10
	50 poles		JB5-50	1SNK905350R0000		10	36.10

Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F3		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*	
	Storage	-55 ... +110 °C	*-67 ... +230 °F*	
	Installing	-5 ... +40 °C	*-23 ... +104 °F*	

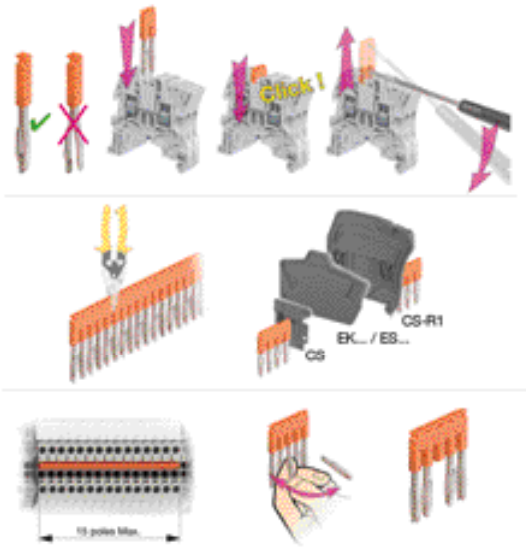
		IEC	*UL - CSA*	Ex e
Rated current		32 A	*30 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	400 V
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

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

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.

1SNK160027S0201 - Rev. C

JB6 screwless jumper bars
Common terminal block accessories

1SNK160143F0014

JB6

6 mm *0.236 in* spacing

Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
6 mm *0.236 in* spacing	2 poles	Orange	JB6-2	1SNK906302R0000		50	1.30
	3 poles		JB6-3	1SNK906303R0000		50	2.10
	4 poles		JB6-4	1SNK906304R0000		50	2.90
	5 poles		JB6-5	1SNK906305R0000		50	3.60
	10 poles		JB6-10	1SNK906310R0000		20	7.40
	50 poles		JB6-50	1SNK906350R0000		10	38.10

Main technical data

Material specifications	Insulating material	Polyamide		
	Flammability	V0		
	NF F 16 101	I2F3		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*	
	Storage	-55 ... +110 °C	*-67 ... +230 °F*	
	Installing	-5 ... +40 °C	*-23 ... +104 °F*	

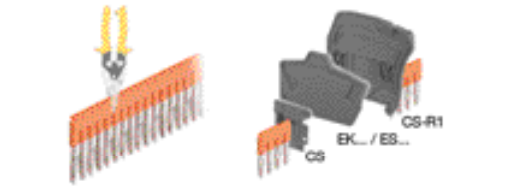
		IEC	*UL - CSA*	Ex e
Rated current		41 A	*30 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	400 V
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

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

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.

JB8 screwless jumper bars
Common terminal block accessories

JB8

8 mm *0.315 in* spacing

5

Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
8 mm *0.315 in* spacing	2 poles	Orange	JB8-2	1SNK908302R0000		50	2.70
	3 poles		JB8-3	1SNK908303R0000		50	4.10
	4 poles		JB8-4	1SNK908304R0000		50	5.60
	5 poles		JB8-5	1SNK908305R0000		40	7.00
	10 poles		JB8-10	1SNK908310R0000		20	14.20

Main technical data

Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F3	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

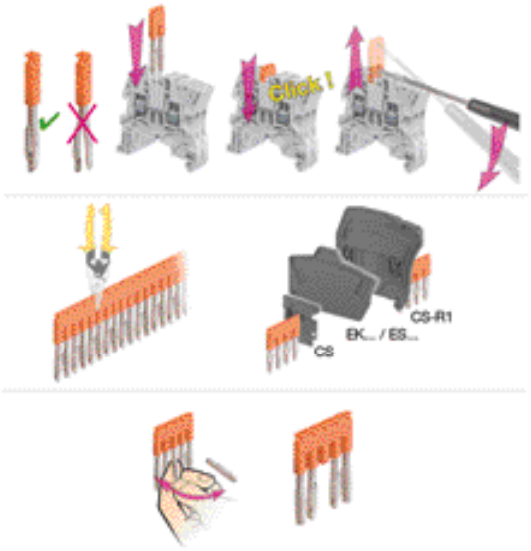
		IEC	*UL - CSA*	Ex e
Rated current		57 A	*42 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	400 V
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

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

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.

1SNK160030S0201 - Rev. C

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*

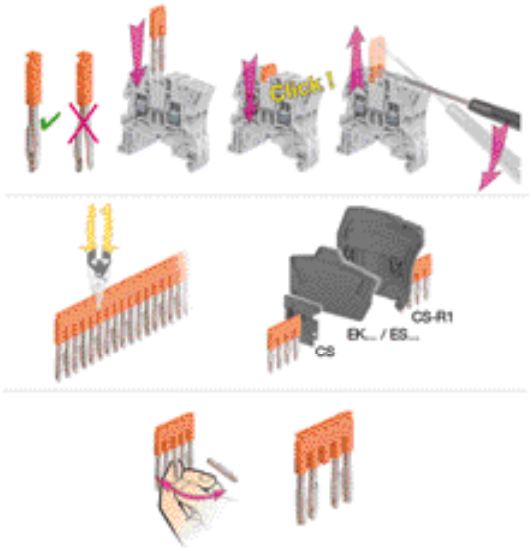
		IEC	*UL - CSA*	Ex e
Rated current		76 A	*42 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Cut extremities	800 V	*300 V*	400 V
	Cut poles	400 V	*300 V*	Consult us
Impulse withstand voltage		6000 V		
Protection		IP20	*NEMA 1*	

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

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.

JB12 screwless jumper bars
Common terminal block accessories

JB12

12 mm *0.472 in* Spacing

Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Insulated,
- Positive locking.

Ordering Details

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

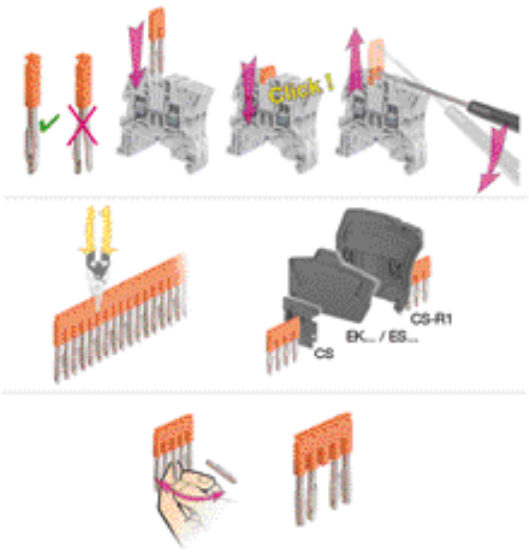
Main Technical Data

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.

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.

1SNK160071S0201

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

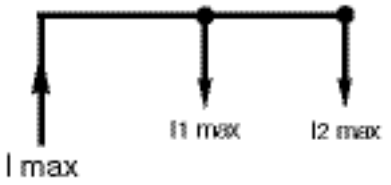
Mounting Instructions

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

A \ B	5.2 mm	6 mm	8 mm
5 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 max + I2 max ≤ I max

I max
I1 max ≤ I rated Terminal Block
I2 max

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

Main technical data

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

		IEC	*UL - CSA*	Ex e
Rated current		10 A		
Rated voltage	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.

TP4

7.6 mm *0.299 in* spacing

Mounting instructions

TP4 test adapters

Description

- Isolated test adapter that enables individual voltage control,
- Direct plug-in solution into the jumpers channels,
- Compatible with standard insulated or non isolated test plugs DIA 4 mm *0.160 in*,
- Withstand more than 10000 operations according to ABB test standards.

Ordering details

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

Main technical data

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

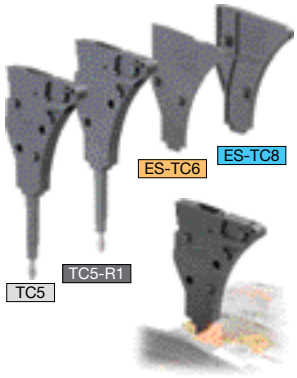
		IEC	*UL - CSA*	Ex e
Rated current		16 A		
Rated voltage	Standard use	1000 V	*600 V*	Not authorized
Impulse withstand voltage		8000 V		
Protection		IP20	*NEMA 1*	

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

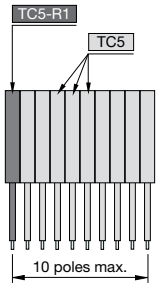
All the technical data for UL/CSA standard and dimensions in inches are in italic.

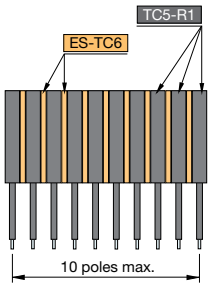
1SNK160036S0201 - Rev. B

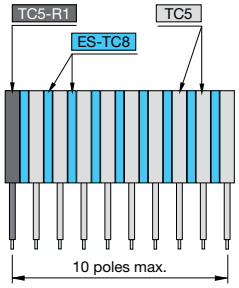
TC5 test connectors
Common terminal block accessories



5.2 mm *0.205 in* spacing







PT-3

Description

Ease the testing of terminal block assemblies:
- Make your own test connector assembly with our modular solution mixing various spacings,
- Direct plug-in solution into the jumpers channels,
- Withstand more than 10000 operations according to ABB test standards.

Main technical data

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

Mounting instructions

Rail		
Wire stripping length		8 mm *0.315 in*
Tool		Flat screwdriver Ø 2.5 mm *Ø 0.098 in*
Torque		0.5 N.m ± 0.1 *3.43 lb.in ± 0.885*

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

Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature	Service	-55 ... +110 °C	-67 ... *+230 °F*
	Storage	-55 ... +110 °C	-67 ... *+230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

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

RoHS

Ordering details

Test connectors for 5.2 mm *0.205 in* spacing terminal blocks

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

Ordering details

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

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Test connectors	5.2 mm *0.205 in* spacing	Dark grey	TC5-R1	1SNK900201R0000	10	5.23
Spacers	0.8 mm *0.031 in* spacing		ES-TC6	1SNK900105R0000	10	0.80

Ordering details

Test connectors for 8 mm *0.315 in* spacing terminal blocks

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

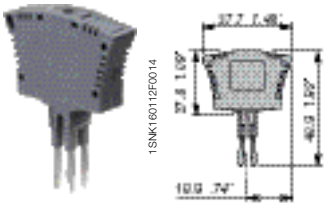
Accessories

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

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

1SNK160042S0201 - Rev. C

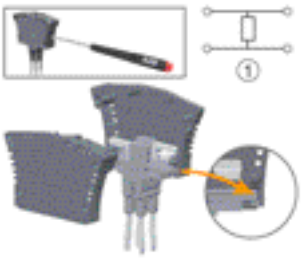
PG5-R2 component plugs
Common terminal block accessories



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 dissipatived power: 2 W.

Ordering details

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

Main technical data

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

	IEC	*UL - CSA*
Rated current		
Rated voltage	250 V	
Impulse withstand voltage	4000 V	
Protection	IP20	*NEMA 1*

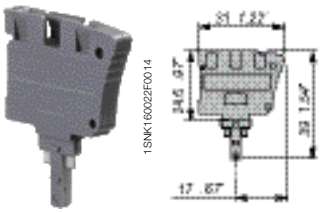
All the main technical data provided are "manufacturer" values.

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 italic.

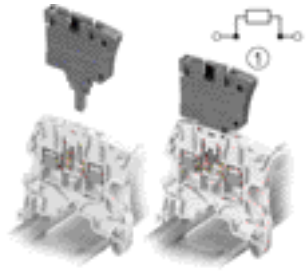
1SNK160039S0201 - Rev. C



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 dissipated power: 1 W.

Ordering details

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

Main technical data

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

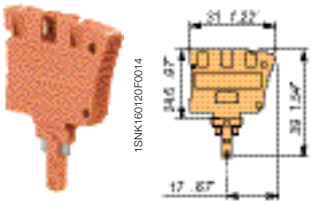
	IEC	*UL - CSA*
Rated current		
Rated voltage	400 V	*150 V*
Impulse withstand voltage	6000 V	
Protection	IP20	*NEMA 1*

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

RoHS

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	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

	IEC	*UL - CSA*
Rated current	18 A	*20 A*
Rated voltage	400 V	*150 V*
Impulse withstand voltage	6000 V	
Protection	IP20	*NEMA 1*

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

RoHS

Accessories

Description		Color	Type	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 italic.

Receptacles and crimping tools
Common terminal block accessories

1SNK160242F0014

Description
DIN Rail Mounted Receptacle

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Duplex DIN rail mounted receptacle 120V, 15A			1SNA892461R1500		1	85

5

1SNK160127F0014

PS-3

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

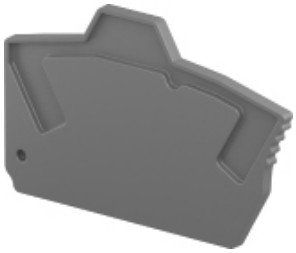
Ordering details

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

1SNK160028S0201 - Rev. B

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

End sections
PI-Spring terminal block accessories


1SNK160233V0014

EK2.5

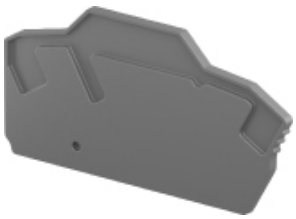
EK2.5 end sections

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

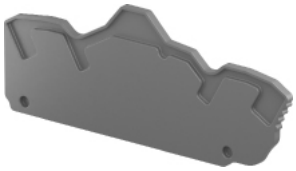
EK2.5-3P end sections

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

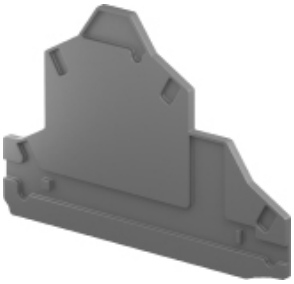
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*23 ... +104 °F*

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

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

1SNK160064S0201

End sections
PI-Spring terminal block accessories



EK2.5-D2

EK2.5-D2 end sections

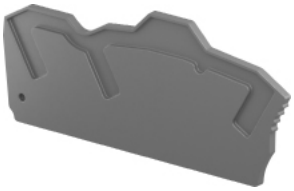
Description

– Compatible with ZK2.5-D2, ZK2.5-D2-PE, ZK2.5-D1 and ZK2.5-D1-PE PI-Spring 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-D2	1SNK705960R0000		20	3.40

5



EK6

EK6 end sections

Description

– Compatible with ZK6-3P and ZK6-PE-3P 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	EK6-3P	1SNK708911R0000		20	2.80

EK10

EK10 end sections

Description

– Compatible with ZK10, ZK10-PE, ZK16 and ZK16-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	EK10	1SNK710910R0000		20	3.30

Main technical data

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

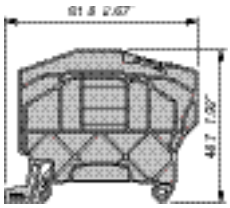
All the main technical data provided are "manufacturer" values.

1SNK160065S0201

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

Circuit separators
PI-Spring terminal block accessories

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

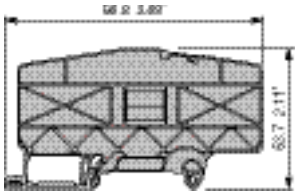
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
3 mm *0.118 in* spacing	Dark grey	CS-R2	1SNK900106R0000	20	3.80

Main technical data

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

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

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 pce	Weight (1 pce) g
3 mm *0.118 in* spacing	Dark grey	CS-R3	1SNK900107R0000	20	6.40

Main technical data

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

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

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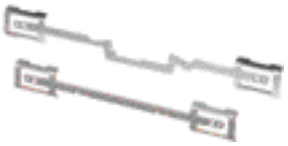
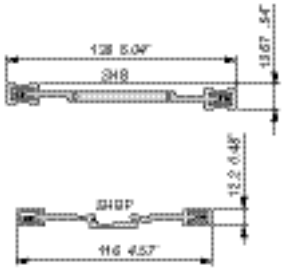
1SNK160072S0201

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

Shield connectors
PI-Spring terminal block accessories



SHBP/SHB



SHBP/SHB shield connectors for PI-Spring terminal blocks

Description

– Ensure the continuity of your shield connection,
– Various connection solutions available: RILS cable ties, soldering, quick-connect.

Ordering details

Description	Color	Type	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*

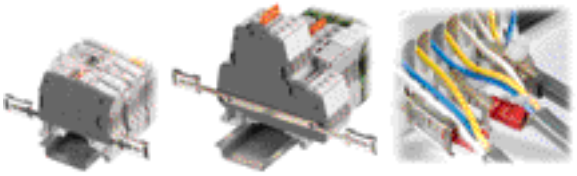
SHBP	IEC	*UL - CSA*	Ex e
Rated voltage	100 V		50 V

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

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,

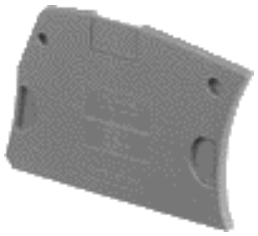
Connect the cable shielding on the shielding connector with:

– 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.

1SNK160044S0201 - Rev. C

End sections
Screw clamp terminal block accessories



ES4

ES4 end sections

Description

– Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
– Compatible with feed-through, ground and disconnect screw clamp terminal blocks.

Ordering details

Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
2.2 mm *0.087 in* spacing	Dark grey	ES4	1SNK505910R0000		20	2.20

ES6-3S

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

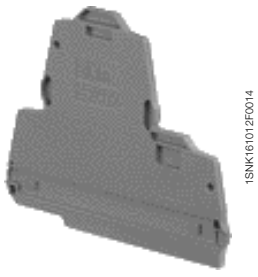
ES6-4S end sections

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

ES4-D2 end sections

Description

– Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
– Compatible with double deck screw clamp terminal blocks

Ordering details

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

Main technical data

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

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

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

1SNK160061S0201

End sections
Screw clamp terminal block accessories

ES4-T3

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

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

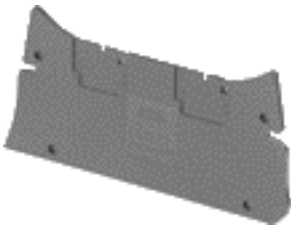
ES4-D2-SF1 end sections

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

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	
	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.

1SNK160062S0201

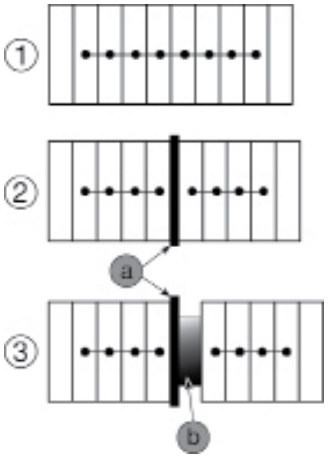
All the technical data for UL/CSA standard and dimensions in inches are in italic.

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	
	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		50 A	*51 A*	
Rated voltage	Standard use	160 V		
	Alternated poles			Not authorized
Impulse withstand voltage				
Protection		IP20	*NEMA 1*	

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

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*

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.

JB16 jumper bars

Description

Insulated jumper bar with screw mounting.

Ordering details

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

Main Technical Data

Material Specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F3	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

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

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

Mounting instructions

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

JB22

22 mm *0.866 in* spacing

Mounting instructions

With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,

Install the jumper bar with the recommended tool and torque.

JB22 jumper bars

Description

Screw jumper bars.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
22 mm *0.866 in* spacing	2 poles		JB22-2	1SNK922302R0000	5	27.00
	3 poles		JB22-3	1SNK922303R0000	5	43.30
	5 poles		JB22-5	1SNK922305R0000	5	76.10
	10 poles		JB22-10	1SNK922310R0000	5	157.40

Main Technical Data

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

		IEC	*UL - CSA*	Ex e
Rated current		192 A	*175 A*	
Rated voltage	Standard use	1000 V	*600 V*	630 V
	Alternated poles			Not authorized
Impulse withstand voltage		8000 V		
Protection			*NEMA 1*	

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

Mounting instructions

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

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

1SNK160032S0201 - Rev. B

JB26

26 mm *1.024 in* spacing

Mounting instructions

– With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
– Install the jumper bar with the recommended tool and torque.

JB26 jumper bars

Description

Screw jumper bars.

Ordering details

Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
26 mm *1.02 in* spacing	2 poles		JB26-2	1SNK926302R0000	5	41.20
	3 poles		JB26-3	1SNK926303R0000	5	65.70
	5 poles		JB26-5	1SNK926305R0000	5	115.70
	10 poles		JB26-10	1SNK926310R0000	5	241.50

Main Technical Data

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

		IEC	*UL - CSA*
Rated current		232 A	*230 A*
Rated voltage	Standard use	1000 V	*600 V*
	Alternated poles		
Impulse withstand voltage		8000 V	
Protection			*NEMA 1*

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

Mounting instructions

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

	Ex e
	630 V
	Not authorized

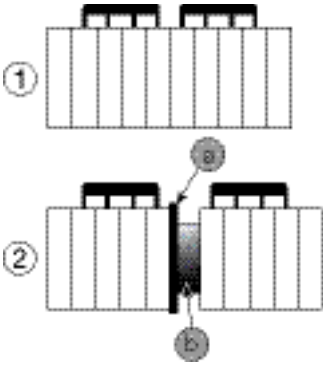
All the technical data for UL/CSA standard and dimensions in inches are in italic.

PC8 lateral jumper bars
Screw clamp terminal block accessories

PC8

8 mm *0.315 in* spacing

Mounting instructions for ZS10-ST...



1 - Rated voltage: 630 V (IEC) / *150 V (UL)*

2 - Rated voltage: 630 V (IEC) / *300 V (UL)*

a - End section ES10-ST

b - End stop BAZ1

Description

IP20 comb jumper bars:

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

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

Ordering details

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

Main technical data

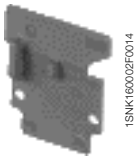
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F3	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

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

1SNK161060S0201

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

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

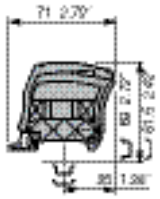
Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
0 mm *0 in* spacing	Dark grey	CS	1SNK900101R0000	20	0.20

Main technical data

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

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

CS-R1



3 mm *0.118 in* spacing

Mounting instructions

CS-R1 circuit separators

Description

– Improve the visual identification of the various circuits within your terminal block assemblies,
– Compatible with feed-through terminal blocks up to 35 mm² *0 AWG*,
– Intermediate cover holder for CO protective cover,
– Mounting on DIN3-TH35 rail.

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
3 mm *0.118 in* spacing	Dark grey	CS-R1	1SNK900103R0000	20	5.20

Main technical data

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

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

Accessories

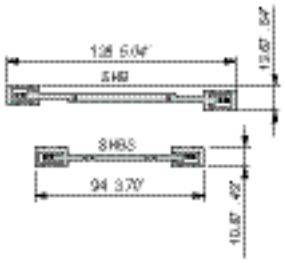
Description		Color	Type	Order code	Pkg pce	Weight (1 pce) g
Blank card	In polycarbonate	White	MC512	1SNK140000R0000	22	9.00
	In polyamide		MC512PA	1SNK149999R0000	20	10.00
Universal wire markers holder	5.2 mm *0.205 in* spacing	Grey	UMH	1SNK900611R0000	10	0.20

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

1SNK160018S0201 - Rev. C

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 pce	Weight (1 pce) g
Compatible with ZS feed-through terminal blocks		SHBS	1SNK900600R0000		20	3.50
Compatible with ZS double deck terminal blocks		SHB	1SNK900602R0000		20	4.90

Main technical data

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

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

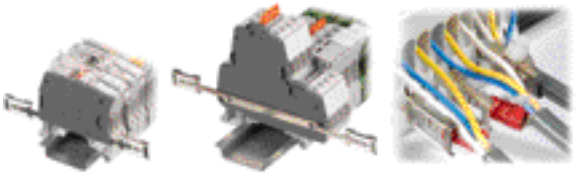
All the main technical data provided are "manufacturer" values.

RoHS

Accessories for screw clamp and PI-Spring screwless terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Cable ties	For SNK shield connector		RILS	1SNK900627R0000		10	0.30

Mounting instructions



– SHBS is directly fixed on the terminal block,
– SHB is fixed on the ES4-D2 end section,
– SHBP is directly fixed on the terminal block,

Connect the cable shielding on the shielding connector with:

– RILS cable ties,
– quick-connect (the shield connector needs to be prepared),
– soldering iron.

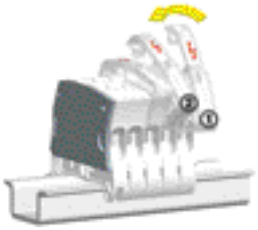
All the technical data for UL/CSA standard and dimensions in inches are in italic.

1SNK160079S0201 - Rev. C

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*

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

Mounting instructions

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

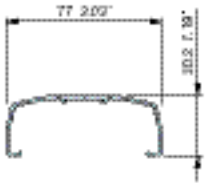
5

1SNK160021S0201 - Rev. B

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

Protecting covers
Screw clamp terminal block accessories

CO



5

CO protecting covers

Description

- Restrict access to your assembly with the protecting cover CO installed with KCO mounting kit (2 end stops, 2 sealing accessories),
- Compatible with SNK feed-through terminal blocks up to 35 mm² *0 AWG*.

Ordering details

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

Main technical data

Material specifications	Insulating material	PVC	
	Flammability	V0	
	NF F 16 101		
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +80 °C	*-67 ... +176 °F*
	Storage	-55 ... +80 °C	*-67 ... +176 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

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

RoHS

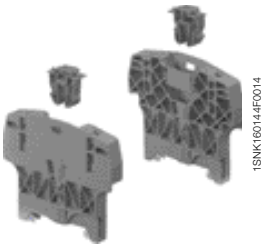
Accessories

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

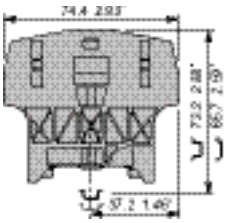
Mounting instructions

Restrict access to the circuit by sealing the cover:

- Drill on the CO center line at 5 mm *0.197 in* from the extremity with 5 mm *0.197 in* diameter drill,
- Pass the sealing collar through the CO and KCO holes.



KCO



KCO protecting cover kits

Description

Mount your protecting cover with the KCO versatile mounting kit (2 end stops, 2 sealing accessories):

- Maintain the cover,
- Reliably seal the access to the terminal assembly if needed,
- Use it as well as an end stop.

Ordering details

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

Main technical data

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

Mounting instructions

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

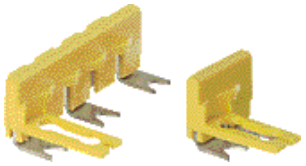
All the main technical data provided are "manufacturer" values.

RoHS

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

1SNK160045S0201 - Rev. B

Short circuit bridges
Screw clamp terminal block accessories



1SNK160221F0014

SC-JB8

8 mm *0.315 in* spacing

SC-JB8 short circuit bridges

Description

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

Ordering details

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

Main technical data

Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F3	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

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

RoHS

5

1SNK161063S0201

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

Test sockets
Screw clamp terminal block accessories

1SNC160114F0014

AJS9

6.4 mm *0.252 in* spacing

AJS9 test sockets

Description

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

Ordering details

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

Main technical data

Material specifications	Insulating material	Polyamide	
	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*

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*

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

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

1SNK161064S0201

End sections
Pluggable terminal block accessories

EDP2.5-22

EDP2.5-22 end sections

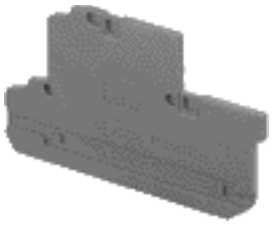
Description

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

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.

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

1SNK160078S0201

COP-ZDP

Mounting instructions

VR

10.4 mm *0.410 in* spacing

Mounting instructions

PT

10.4 mm *0.410 in* spacing

Mounting instructions

COP coding pegs

Description

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

Ordering details

Description	Color	Type	Order code	Pkg pce	Weight (1 pce) g
	Dark grey	COP-ZDP	1SNK900635R0000	10	0.20

Main technical data

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

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

RoHS

VR locking devices

Description

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

Ordering details

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

Main technical data

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

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

RoHS

PT cable clamps

Description

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

Ordering details

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

Main technical data

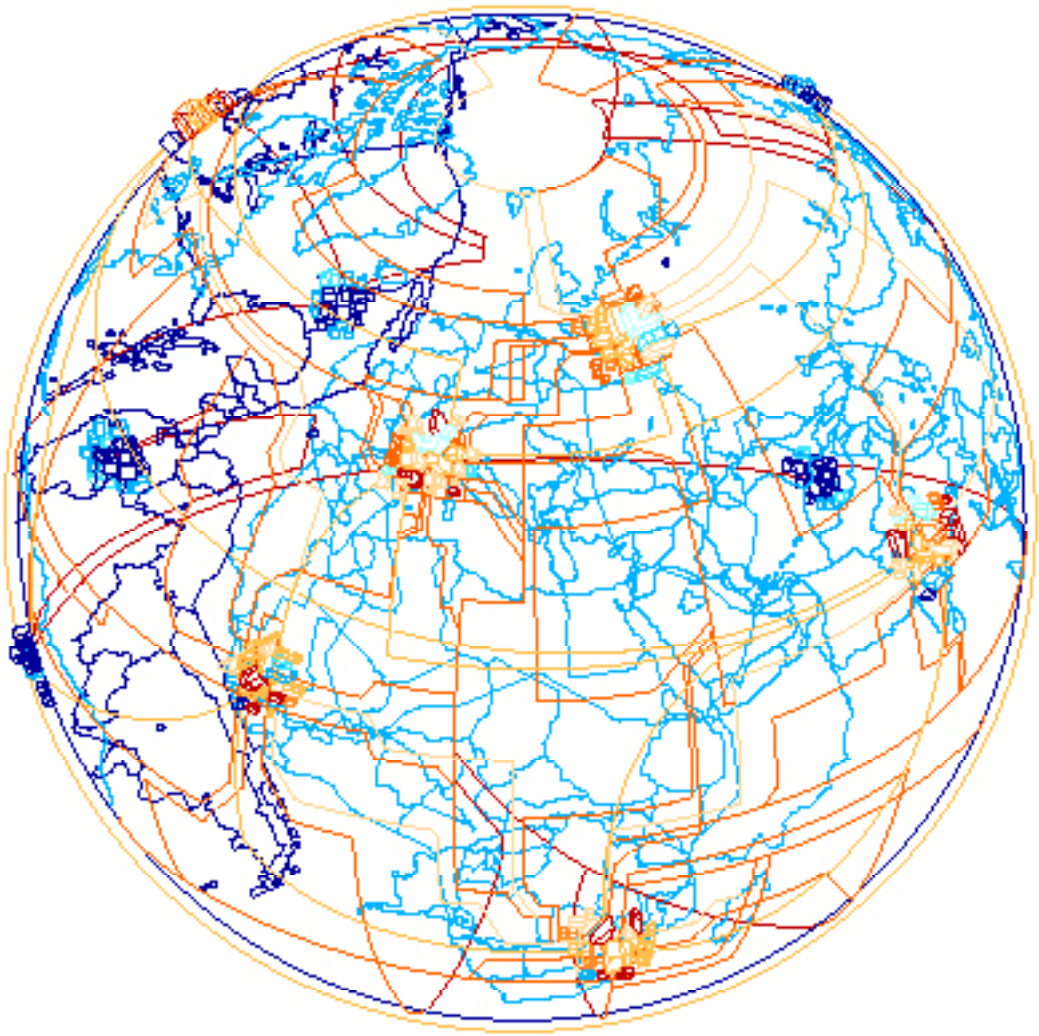
Material specifications	Insulating material	Polyamide	
	Flammability	V0	
	NF F 16 101	I2F2	
Ambient temperature min/max	Service IEC 60068-2-1	-55 ... +110 °C	*-67 ... +230 °F*
	Storage	-55 ... +110 °C	*-67 ... +230 °F*
	Installing	-5 ... +40 °C	*-23 ... +104 °F*

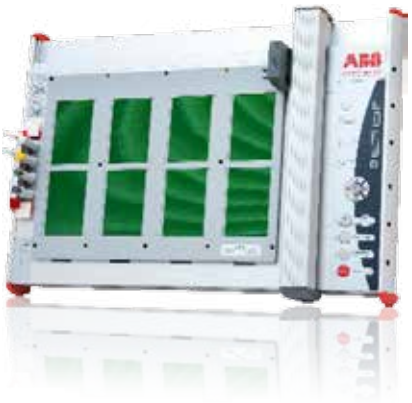
All the main technical data provided are "manufacturer" values.

RoHS

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

1SNK160052S0201 - Rev. B

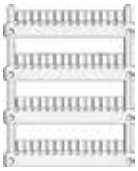




ABB

ABB
HTP500

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

6

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	Dimensions *inches*
Polycarbonate	V0	Horizontal	3	Vertical	8	4.8 x 12	*0.189 x 0.472*

Ordering details

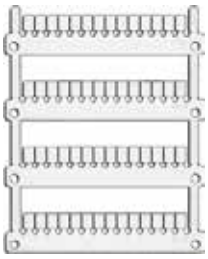
Description	Number of markers per card	Color	Type	Order code		Pkg card	Weight (1 pce) g
Blank card	45	White	MC512	1SNK140000R0000		22	9.00
		Yellow	MC512-YL	1SNK140004R0000		22	9.00

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	Dimensions *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	Dimensions *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 card	Weight (1 pce) g
Blank card	100	White	MC512PA	1SNK149999R0000		20	10.00

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
AMS plotter	KIT MAO AMS 500	1SNA360000R2400		1	12600.00

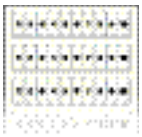
Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for MC PA marker cards (1 MC PA marker card per plate and up to 4 plates per AMS 500 marking table)	SPRC 30-3	1SNA360039R1700		1	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

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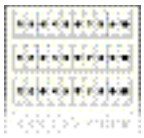
All the technical data for UL/CSA standard and dimensions in inches are in italic.

MC512PA terminal block markers
Pre-printed marker card for horizontal terminal block assembly

MC512PA



5.2 mm *0.205 in* spacing

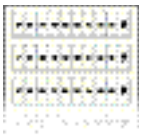
Ordering details

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

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

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
Ö (x100)	100	White	MC512PA	1SNK146152R0000		1	10.00
P (x100)	100	White	MC512PA	1SNK146162R0000		1	10.00
Q (x100)	100	White	MC512PA	1SNK146172R0000		1	10.00
R (x100)	100	White	MC512PA	1SNK146182R0000		1	10.00
S (x100)	100	White	MC512PA	1SNK146192R0000		1	10.00
T (x100)	100	White	MC512PA	1SNK146202R0000		1	10.00
U (x100)	100	White	MC512PA	1SNK146212R0000		1	10.00
V (x100)	100	White	MC512PA	1SNK146222R0000		1	10.00

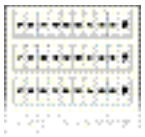
Continue on next page →

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

1SNK160005S0201 - Rev. A

MC512PA terminal block markers
Pre-printed marker card for vertical terminal block assembly

MC512PA



5.2 mm *0.205 in* spacing

Ordering details

Description	Number of markers per card	Color	Type	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

1SNK160005S0201 - Rev. A

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

Terminal block markers
Blank card in polycarbonate - 6 mm *0.236 in* spacing

MC612

HTP500-V2 KIT

MC612 terminal block markers

Description

– MC612 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
– Excellent marking durability in the most severe environments,
– Improved marking visibility thanks to the increased marking surface +20% (12 mm *0.472 in*).

Main technical data

Material	Flammability	Maximum printed digits				Dimensions mm	Dimensions *inches*
Polycarbonate	V0	Horizontal	3	Vertical	8	5.6 x 12	*0.220 x 0.472*

Ordering details

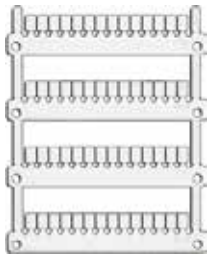
Description	Number of markers per card	Color	Type	Order code		Pkg card	Weight (1 pce) g
Blank card	39	White	MC612	1SNK150000R0000		22	10.00
		Yellow	MC612-YL	1SNK150004R0000		22	10.00

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 mm	Dimensions *inches*
Polycarbonate	V0	Horizontal	3	Vertical	8	5.6 x 12	*0.236 x 0.472*

Ordering details

Description	Number of markers per card	Color	Type	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 card	Weight (1 pce) g
Blank card	100	White	MC612PA	1SNK159999R0000		20	11.00

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
AMS plotter	KIT MAO AMS 500	1SNA360000R2400		1	12600.00

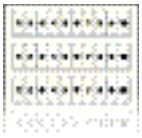
Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for MC PA marker cards (1 MC PA marker card per plate and up to 4 plates per AMS 500 marking table)	SPRC 30-3	1SNA360039R1700		1	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

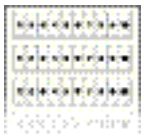
Continue on next page →

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

1SNK160007S0201 - Rev. A

MC612PA terminal block markers
Pre-printed marker card for horizontal terminal block assembly

MC612PA



6 mm *0.236 in* spacing

Ordering details

Description	Number of markers per card	Color	Type	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

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

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.

1SNK160008S0201 - Rev. A

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 pce) 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

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

MC812 terminal block markers
Blank card in polycarbonate or polyamide - 8 mm *0.315 in* spacing

MC812

HTP500-V2 KIT

6

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	Dimensions *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 card	Weight (1 pce) g
Blank card	30	White	MC812	1SNK160000R0000		22	10.00
		Yellow	MC812-YL	1SNK160004R0000		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

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	Dimensions *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 card	Weight (1 pce) g
Blank card	100	White	MC812PA	1SNK169999R0000		20	14.00

Marking systems

Description	Type	Order code		Pkg pce	Weight (1 pce) g
AMS plotter	KIT MAO AMS 500	1SNA360000R2400		1	12600.00

Marking systems accessories

Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for MC PA marker cards (1 MC PA marker card per plate and up to 4 plates per AMS 500 marking table)	SPRC 30-3	1SNA360039R1700		1	300.00

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

1SNK160009S0201 - Rev. A

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.

1SNK160010S0201 - Rev. A

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) g
←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

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

1SNK160010S0201 - Rev. A

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

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

1SNK160011S0201 - Rev. A

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 pce) g
←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 italic.

1SNK160011S0201 - Rev. A

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*

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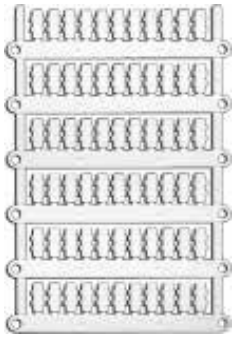


1SNC160118F0014

MG2-TDMO

MG2-TDMO clip-on blank wire marker

Description

- Rigid Polycarbonate marker to be directly printed and snaped 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	

MG3 KIT

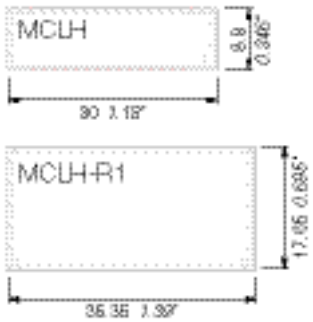
Description	Support status	Type	Order code			Pkg pce	Weight (1 pce) g
Support plates							
Support template for cable tags MG2-TDMO & MG-TDM 4x16mm	Purchased separately	MG2-PTM 991010	1SNB991010R0000			1	116.00

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

1SNK160083S0201 - Rev. A

MCLH label
Markers and marking systems

MCLH - MCLH-R1



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

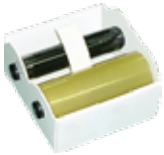
Description	Type	Order code		Pkg pce	Weight (1 pce) g
Marking support plate for labels (AMS 500)	SPRC 21	1SNA360031R0600		1	851.00

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

1SNK160001S0201 - Rev. A

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	1SNA235705R0600		1	
Universal support plate for wire markers		HTP500-PL	1SNA235704R0500		1	

Accessories

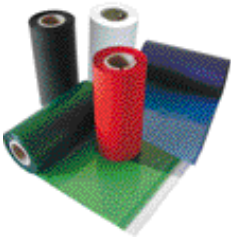
Description	Color	Type	Order code		Pkg pce	Weight (1 pce) g
Black ribbon cassette		RIB-B	1SNA235710R0600		3	
Red ribbon cassette for identification plates and adhesive labels		RIB-R	1SNA235711R2300		3	
Red ribbon cassette for terminal blocks and wire markers		RIB-RS	1SNA235718R0200		3	
Cleaning cassette		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	

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

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	Back	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 rmonochrome ribbon	Blue	MG2-ETR 991606	1SNB991606R0000		1	333.00

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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 Support plate for MC..PA		SPRC 30-3				
1 Disposable plotter pen 0.25mm 0.01" in EDR ink		Disposable AMS PEN ED-R 0.25				
1 Disposable plotter pen 0.35mm 0.014" in EDR ink		DISPOSABLE AMS PEN ED-R 0.35				

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 Support plate for MC..PA		SPRC 30-3				
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				

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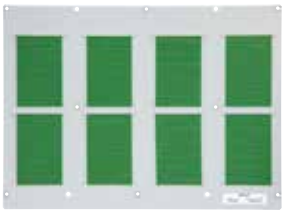
All the technical data for UL/CSA standard and dimensions in inches are in italic.

AMS plotter
Marking system



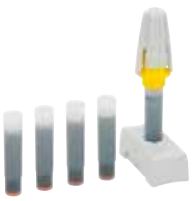
SPRC1

SPRC2

SPRC30-3

AMS PEN

AMS CLEANER KIT



AMS INK CARTRIDGES

Support plates for ABB markers

Description	Compatibility AMS 500	Compatibility AMS 250	Type	Order code	Pkg pce	Weight (1 pce) g
Support plates for:						
RC/MC/RCTT/WMTT/BA4/RCT full format	●		SPRC 1	1SNA360010R1500	1	220
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 AMS 500	Compatibility AMS 250	Type	Order code	Pkg pce	Weight (1 pce) g
Support plates for markers:						
Wieland	●	●	SPRC 6	1SNA360016R0700	1	
Weidmüller	●	●	SPRC 7	1SNA360017R0000	1	
Phoenix ZBM 5/6	●	●	SPRC 8	1SNA360018R1100	1	
Phoenix ZB	●	●	SPRC 9	1SNA360019R1200	1	
Allen Bradley WRZ	●	●	SPRC 10	1SNA360020R1700	1	
Wago mini WSB5	●	●	SPRC 11	1SNA360021R0400	1	

Accessories

Description		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	

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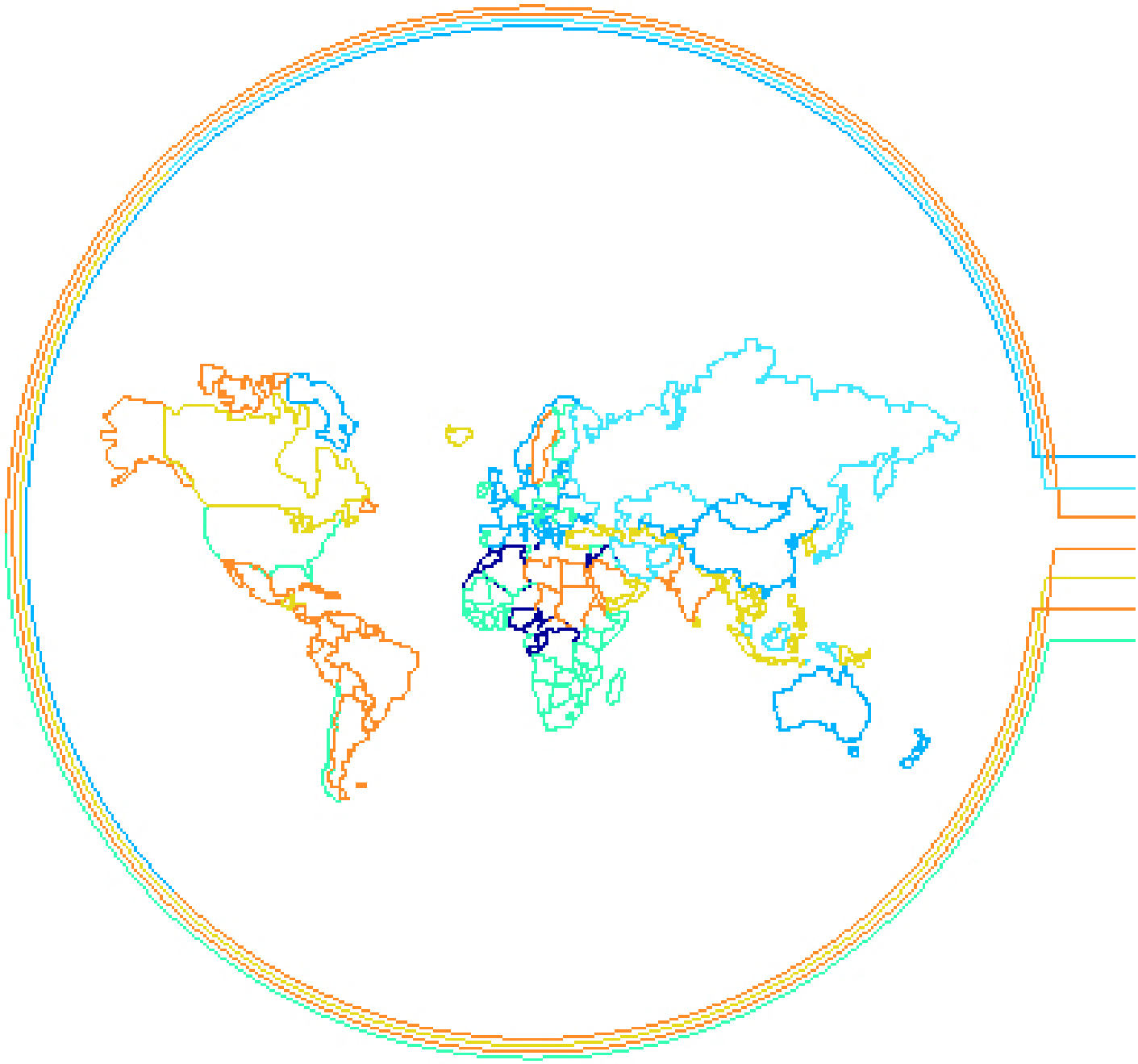

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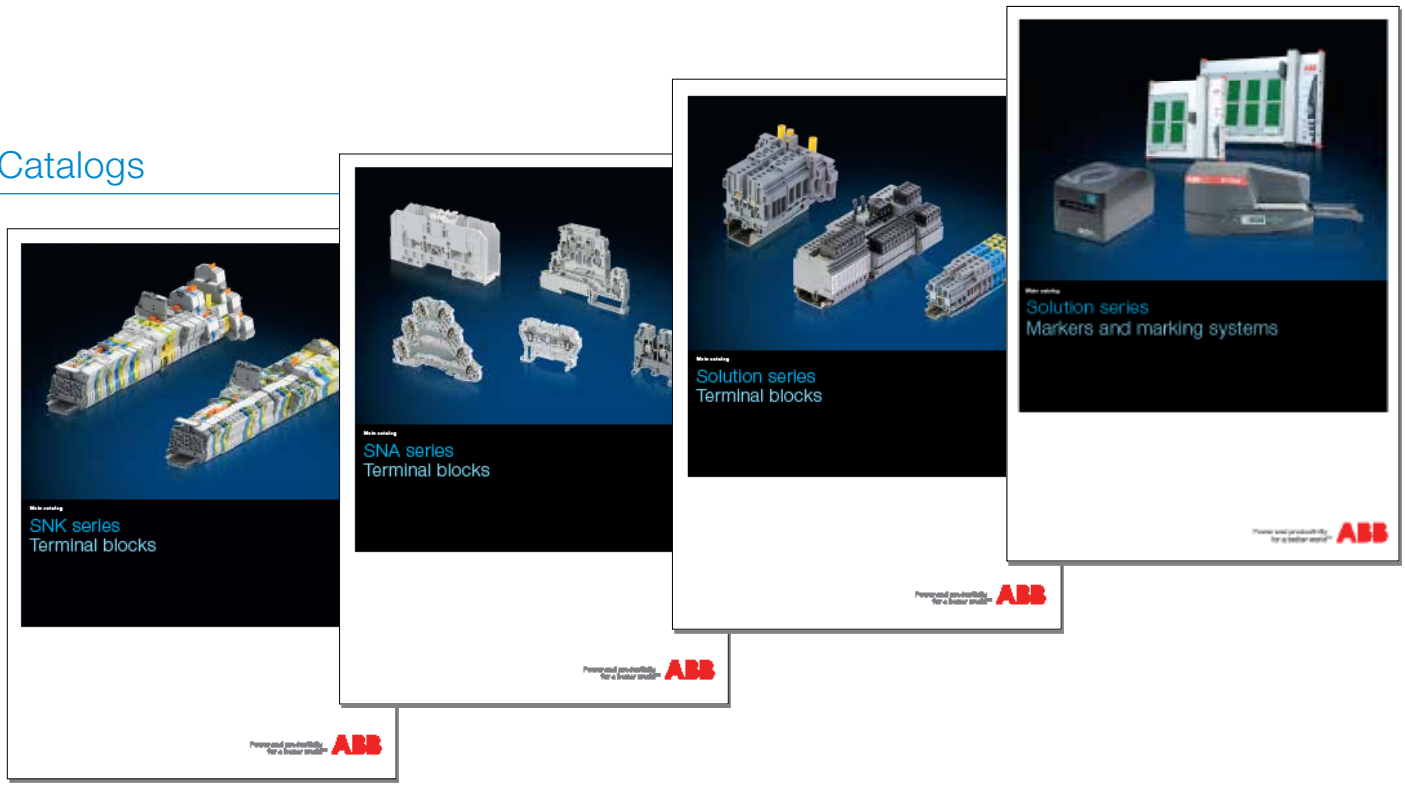

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Contact us

ABB U.S.
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USA

You can find the address of your local sales organization on the ABB home page

www.abb.com/lowvoltage

www.abb.com/connecttocontrol

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