ENTRELEC
Electrical Solutions
By TE Connectivity



SNK TERMINAL BLOCK FOR FUSE

FOR 5X20 AND 5X25 MM FUSES
PI-SPRING (PUSH-IN & SPRING) TECHNOLOGY 4 MM²

Combine high performance with compact dimensions:

- 800 V IEC 300 V UL
- Low profile
- Compliant with IEC 60947-7 -3 standard
- With our without blown fuse indicator

EASY TO INSTALL

Clear identification

- High visibility thanks to 2 horizontal top markers
- Flat “SNK” marking surface

Easy wiring

- PI-Spring technology offers 2 technologies in 1 connection (Push-In & Spring)
- Angled front connection for easier access
- Screwdriver is locked during wiring process
- Assembly rod allows 2, 3 & 4 poles assemblies

INCREASED PRODUCTIVITY

Reduced wiring and assembly costs

- Push-in connection saves up to 50% installation time compared to screw technology
- Quickly identify the defective circuit thanks to the blown fuse indicator (with low leakage current < 0.5 mA)
- Only 2 versions of blown fuse indicator to cover from 24 V to 250 V AC/DC
- Dia. 2 mm test sockets on each side allow easy voltage or current testing

Space saving

- Low profile fuse holder allows installation in small boxes with height constraints

FOR MANY NEEDS

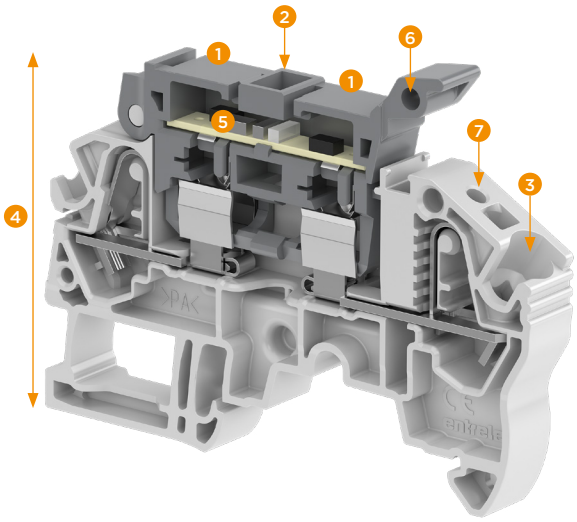
World-class certifications

- Broad standard package: IEC / UL / EAC / CSA

Safety

- IP20 finger safe
- Compliant with IEC 60947-7 -3 standard

FEATURES



1. Two top SNK markers for high visibility
2. Window for blown fuse indicator
3. Cross section: 4 mm² with insulated ferrule
4. Low profile
5. Blown fuse indicator with large operating voltage range
6. Hole for assembly rod
7. Test sockets on each side

ZK4-SF1 PI-Spring terminal blocks

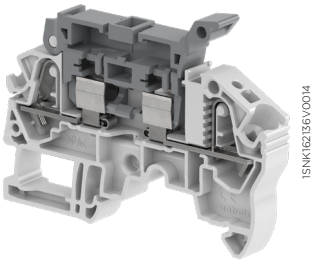
For 5x20 and 5x25 fuses - 8 mm 0.315 in spacing



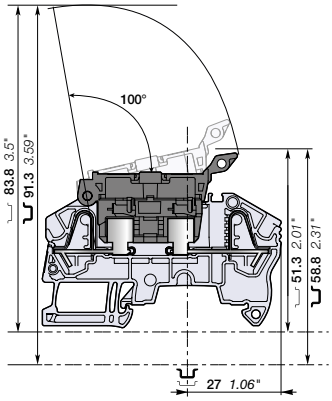
Description

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

- Simplify the distribution thanks to the 1 jumper channel



ZK4-SF1



8 mm *0.315 in* spacing

Ordering details

Description	Color	Type	Part Number		Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey	ZK4-SF1	1SNK708410R0000		50	12.70

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 6 mm²	26 ... 10 AWG
	Flexible without ferrule	0.5 ... 4 mm²	
	Flexible with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
	Flexible 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		6.3 A / 4 mm²	7.5 A / 12 AWG
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

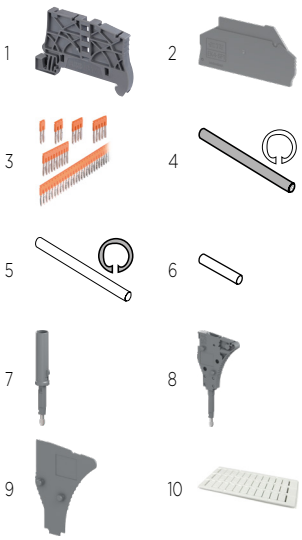
Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm *0.492 in*
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø *0.138 in*

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 reliably 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, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV



Accessories

	Description			Color	Type	Part Number		Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	*0.205 in*	Dark grey	BAZ1	1SNK900002R0000		50	5.30
2	End sections	1.5 mm	*0.059 in*	Dark grey	EK4-SF1	1SNK708912R0000		20	2.30
3	Jumper bars	2 poles	57 A (IEC)	Orange	JB8-2	1SNK908302R0000		50	2.70
		3 poles	57 A (IEC)		JB8-3	1SNK908303R0000		50	4.10
		4 poles	57 A (IEC)		JB8-4	1SNK908304R0000		50	5.60
		5 poles	57 A (IEC)		JB8-5	1SNK908305R0000		40	7.00
		10 poles	57 A (IEC)		JB8-10	1SNK908310R0000		20	14.20
4	Assembly rods	2 poles			TGA8	1SNA168672R1100		10	1.00
		3 poles			TGA8	1SNA168672R1200		10	1.50
		4 poles			TGA8	1SNA168672R1300		10	2.00
5	Spring retaining rings				ANT	1SNA168675R1400		10	
6	Neutral cartridge	5x25			CN5	1SNA179371R1600		10	3.90
7	Test adapters	For test plugs DIA 2 mm *0.079 in*		Dark grey	TP2	1SNK900203R0000		20	1.70
		For test plugs DIA 4 mm *0.157 in*			TP4	1SNK900205R0000		20	2.40
8	Test connectors	5.2 mm *0.205 in* spacing		Dark grey	TC5	1SNK900200R0000		10	5.20
		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.20
9	Spacers	0.8mm	*0.031 in*	Dark grey	ES-TC6	1SNK900105R0000		10	0.80
10	Terminal block markers	Blank card			MC812	1SNK160000R0000		22	10.00
					MC812PA	1SNK169999R0000		20	14.00

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

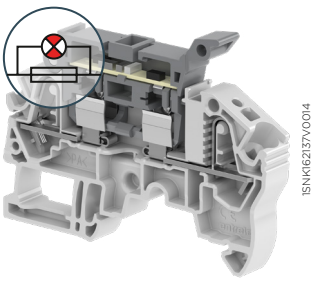
Technical data valid for copper conductors only.

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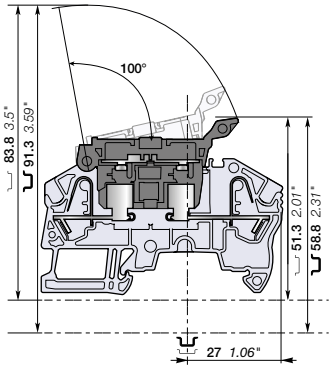
ZK4-SF1-R PI-Spring terminal blocks

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

4 mm²
12 AWG



ZK4-SF1-R1



8 mm *0.315 in* spacing

Description

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- Simplify the distribution thanks to the 1 jumper channel.
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

Ordering details

Description		Color	Type	Part Number		Pkg qty	Weight (1 pce) g
Fuse	with blown fuse indicator 24 ... 110 V AC / DC	Grey, dark grey	ZK4-SF1-R1	1SNK708411R0000		50	14.70
	with blown fuse indicator 115 ... 250 V AC / DC		ZK4-SF1-R3	1SNK708413R0000		50	14.70

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 6 mm²	26 ... 10 AWG
	Flexible without ferrule	0.5 ... 4 mm²	
	Flexible with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
	Flexible 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		6.3 A / 4 mm²	7.5 A / 12 AWG
Rated voltage		500 V	150 V
Impulse withstand voltage		6000 V	
Protection		IP20	NEMA 1

Mounting instructions

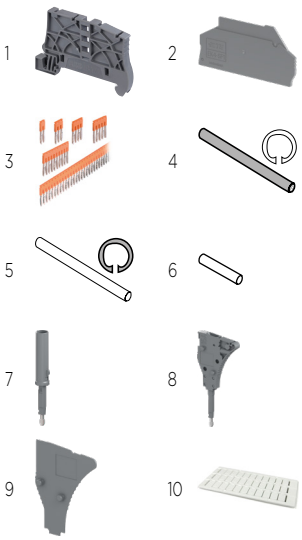
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		4 poles			TGA8	1SNA168672R1300		10	2.00
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		End module, 5.2 mm *0.205 in*			TC5-R1	1SNK900201R0000		10	5.20
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08/23 **INDUSTRIAL / TERMINAL BLOCKS FOR FUSE / BROCHURE / EN**

BROCHURE

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