



## SNK TERMINAL BLOCK FOR FUSE

FOR 5X20 AND 5X25 MM FUSES  
PI-SPRING (PUSH-IN & SPRING) TECHNOLOGY 4 MM<sup>2</sup>

Combine high performance with compact dimensions:

- 800 V IEC 300 V UL
- Low profile
- Compliant with IEC 60947-7 -3 standard
- With or 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

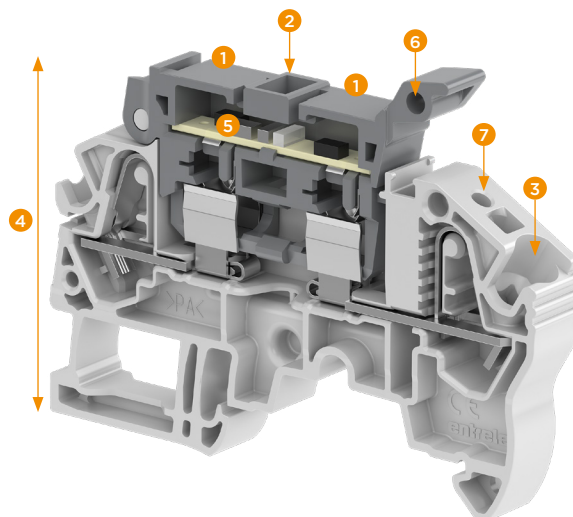
#### Reduced wiring and assembly costs


- 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

### FEATURES



- 1 Two top SNK markers for high visibility
- 2 Window for blown fuse indicator
- 3 Cross section: 4 mm<sup>2</sup> 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

### FOR MANY NEEDS

#### World-class certifications

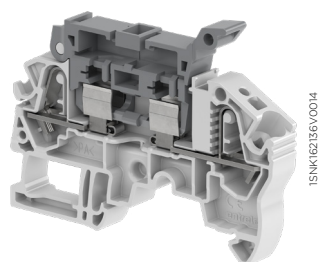
- Broad standard package: IEC / UL / EAC / CSA

#### Safety

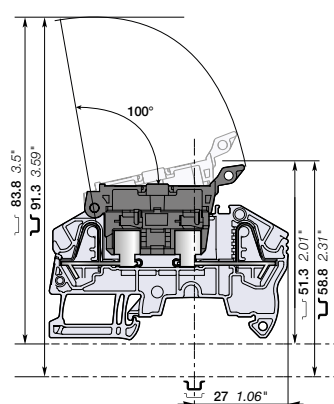
- IP20 finger safe
- Compliant with IEC 60947-7 -3 standard

# ZK4-SF1 PI-Spring terminal blocks

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



ZK4-SF1



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

## Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Fuse	Grey, dark grey	ZK4-SF1	ISNK708410R0000	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 35-75, 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	IEC	RoHS	UL	CSA	EAC														
CE	CB	RoHS	UL	CSA	EAC														

## Accessories

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1 End stops	Dark grey	BAZ1	ISNK900002R0000	50	5.30
2 End sections	Dark grey	EK4-SF1	ISNK708912R0000	20	2.30
3 Jumper bars	Orange	JB8-2	ISNK908302R0000	50	2.70
		JB8-3	ISNK908303R0000	50	4.10
		JB8-4	ISNK908304R0000	50	5.60
		JB8-5	ISNK908305R0000	40	7.00
		JB8-10	ISNK908310R0000	20	14.20
4 Assembly rods		TGA8	ISNA168672R1100	10	1.00
		TGA8	ISNA168672R1200	10	1.50
		TGA8	ISNA168672R1300	10	2.00
5 Spring retaining rings		ANT	ISNA168675R1400	10	
6 Neutral cartridge		CN5	ISNA179371R1600	10	3.90
7 Test adapters	Dark grey	TP2	ISNK900203R0000	20	1.70
		TP4	ISNK900205R0000	20	2.40
8 Test connectors	Dark grey	TC5	ISNK900200R0000	10	5.20
		TC5-R1	ISNK900201R0000	10	5.20
9 Spacers	Dark grey	ES-TC6	ISNK900105R0000	10	0.80
10 Terminal block markers		MC812	ISNK160000R0000	22	10.00
		MC812PA	ISNK169999R0000	20	14.00

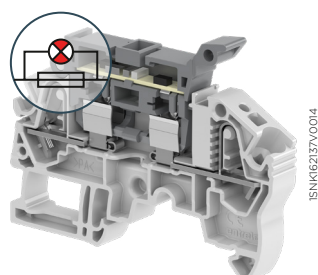
Complete list of accessories is indicated in the terminal block datasheet including end stops.

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

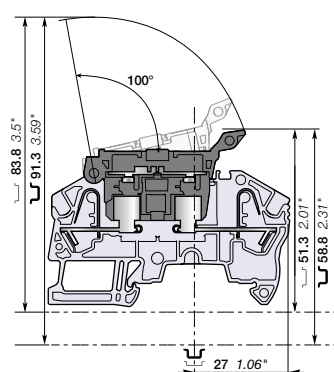
Technical data valid for copper conductors only.

# ZK4-SF1-R PI-Spring terminal blocks

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



ZK4-SF1-R1



8 mm 0.315 in spacing

## Description

Protect your circuits with 5x20 and 5x25 fuse 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.
- 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)
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	Rail	TH 35-75, TH 35-15
1 conductor per clamp	Rigid: Solid/Stranded Flexible without ferrule Flexible with non insulated ferrule Flexible with insulated ferrule	0.5 ... 6 mm² 0.5 ... 4 mm² 0.5 ... 4 mm² 0.5 ... 4 mm²	26 ... 10 AWG 26 ... 12 AWG 26 ... 12 AWG	Wire stripping length 12.5 mm 0.492 in
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG	Tool (for flexible conductor without ferrule) Flat screwdriver Ø 3.5 mm Ø 0.138 in
Rated current / Rated cross section	6.3 A / 4 mm²	75 A / 12 AWG		
Rated voltage	500 V	150 V		
Impulse withstand voltage	6000 V			
Protection	IP20	NEMA 1		

## Mounting instructions

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 Exclusive short-circuit protection	2.5 W 4 W
Compound arrangement		Assembly composed of 5 fuse terminal blocks	Overload and short-circuit protection Exclusive short-circuit protection	1.6 W 4 W

The connecting capacity data for one Rigid: Solid/Stranded, 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	IEC CB	RoHS	UL	CSA	EAC	BV	DNV
CE	CB	RoHS	UL	CSA	EAC	BV	DNV

## Accessories

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce)
1. End stops	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2. End sections	Dark grey	EK4-SF1	1SNK708912R0000	20	2.30
3. Jumper bars	Orange	JB8-2	1SNK908302R0000	50	2.70
		JB8-3	1SNK908303R0000	50	4.10
		JB8-4	1SNK908304R0000	50	5.60
		JB8-5	1SNK908305R0000	40	7.00
		JB8-10	1SNK908310R0000	20	14.20
4. Assembly rods		TGA8	1SNA168672R1100	10	1.00
		TGA8	1SNA168672R1200	10	1.50
		TGA8	1SNA168672R1300	10	2.00
5. Spring retaining rings		ANT	1SNA168675R1400	10	
6. Neutral cartridge		CN5	1SNA179371R1600	10	3.90
7. Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70
		TP4	1SNK900205R0000	20	2.40
8. Test connectors	Dark grey	TC5	1SNK900200R0000	10	5.20
		TC5-R1	1SNK900201R0000	10	5.20
9. Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
10. Terminal block markers		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.

**te.com**

© 2023 TE Connectivity Ltd. family of companies. All Rights Reserved.

ENTRELEC, TE Connectivity, TE connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any changes to the information contained herein without prior notice. TE Connectivity assumes only those obligations set forth in the terms and conditions for this product and shall in no event be liable for any incidental, indirect, or consequential damages arising out of the sale, resale, use, or misapplication of the product. TE expressly disclaims any implied warranties with respect to the information contained herein, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose. Dimensions, specifications and/or information contained herein are for reference purposes only and are subject to change without notice. Consult TE for the latest dimensions, specifications and/or information. Users of TE Connectivity products must make their own assessment as to whether the respective product is suitable for the respective desired application.

08/23 INDUSTRIAL / TERMINAL BLOCKS FOR FUSE / BROCHURE / EN

## **BROCHURE**

TE Connectivity  
3, rue Jean Perrin  
69680 Chassieu cedex  
France  
Tel: +33 481923100

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1SNK708410R0000](#) [ZK4-SF1](#)