

# ZS4-SF1-R1



TE Connectivity has acquired the DIN Rail Terminal Block product range from ABB

Products → Low Voltage Products and Systems → Connection Devices → Terminal Blocks → SNK Series

## General Information

<b>Extended Product Type:</b>	ZS4-SF1-R1
<b>Product ID:</b>	1SNK508412R0000
<b>EAN:</b>	3472595084128
<b>Catalog Description:</b>	ZS4-SF1-R1 Screw Clamp Terminal Block - for Fuses 5x20 and 5x25 mm - Grey - with blown fuse indicator by red LED 24-110V
<b>Long Description:</b>	- 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

<b>Color:</b>	Grey, Dark Grey
<b>Minimum Order Quantity:</b>	50 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNK161034D0201
<b>Instructions and Manuals:</b>	1SNK160027C0201

## Dimensions

<b>Product Net Width:</b>	8 mm
<b>Product Net Height:</b>	59.7 mm
<b>Product Net Length:</b>	45.6 mm
<b>Product Net Depth / Length:</b>	45.6 mm
<b>Product Net Weight:</b>	13.3 g

## Technical

<b>Rated Cross-Section:</b>	4 mm <sup>2</sup>
<b>Spacing:</b>	8 mm
<b>Connection Type:</b>	Screw clamp
<b>Function:</b>	Fuse
<b>Number of Levels:</b>	1

<b>Connecting Capacity Main Circuit:</b>	Screw Clamp / Flexible 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / Flexible 2x 0.2 ... 2.5 mm <sup>2</sup> Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup> Screw Clamp / Rigid 2x 0.2 ... 2.5 mm <sup>2</sup> Screw Clamp / With Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / Without Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / With Twin Ferrule 2x 0.22 ... 2.5 mm <sup>2</sup>
<b>Gauge Type:</b>	A3-B3
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 6.3 A
<b>Rated Voltage (U<sub>r</sub>):</b>	630 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Dielectric Test Voltage:</b>	2200 V
<b>Pollution Degree:</b>	3
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<b>Insulation Material:</b>	Polyamide
<b>Mounting on DIN Rail:</b>	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
<b>Wire Stripping Length:</b>	11.0 mm
<b>Recommended Screw Driver:</b>	3.5 mm

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 300 V
<b>Connecting Capacity Main Circuit UL/CSA:</b>	Screw Clamp / Flexible 1x 24 ... 10 AWG Screw Clamp / Flexible 2x 24 ... 14 AWG Screw Clamp / Rigid 1x 24 ... 10 AWG Screw Clamp / Rigid 2x 24 ... 14 AWG Screw Clamp / With Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / With Twin Ferrule 2x 24 ... 14 AWG
<b>Connecting Capacity UL/CSA:</b>	Stranded 10 AWG
<b>Flammability According to UL94:</b>	V0

## Environmental

<b>Ambient Air Temperature:</b>	Operation -55 ... +110 °C Storage -55 ... +110 °C
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	Compliant
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Certificates and Declarations (Document Number)

<b>BV Certificate:</b>	1SND161073A0204
------------------------	-----------------

<b>CB Certificate:</b>	1SND161030A0204
<b>CSA Certificate:</b>	1SND161070A0209
<b>cUL Certificate:</b>	1SND161040A0206
<b>Declaration of Conformity - CE:</b>	1SND225103U1000
<b>DNV Certificate:</b>	1SND161087A0202
<b>EAC Certificate:</b>	1SND161009A1100
<b>Environmental Information:</b>	1SND220127E0202
<b>Instructions and Manuals:</b>	1SNK160027C0201
<b>RINA Certificate:</b>	1SND161088A0200
<b>RoHS Information:</b>	1SND230491F0206

## Classifications

<b>Object Classification Code:</b>	X
<b>E-nummer:</b>	2925969
<b>ETIM 4:</b>	EC000899 - Fuse terminal block
<b>ETIM 5:</b>	EC000899 - Fuse terminal block
<b>ETIM 6:</b>	EC000899 - Fuse terminal block

## Container Information

<b>Package Level 1 Units:</b>	50 piece
<b>Package Level 1 Width:</b>	119 mm
<b>Package Level 1 Depth / Length:</b>	201 mm
<b>Package Level 1 Height:</b>	46 mm
<b>Package Level 1 Gross Weight:</b>	0.665 kg
<b>Package Level 1 EAN:</b>	3472595084128
<b>Package Level 2 Units:</b>	450 piece
<b>Package Level 2 Width:</b>	300 mm
<b>Package Level 2 Depth / Length:</b>	400 mm
<b>Package Level 2 Height:</b>	200 mm
<b>Package Level 2 Gross Weight:</b>	6.530 kg
<b>Package Level 3 Units:</b>	21600 piece
<b>Product Packing Type:</b>	Box

