

# ZS4-D2-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-D2-SF1-R1
<b>Product ID:</b>	1SNK508423R0000
<b>EAN:</b>	3472595084234
<b>Catalog Description:</b>	ZS4-D2-SF1-R1 Screw Clamp Terminal Block - Double Deck - Grey
<b>Long Description:</b>	- 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

<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>	1SNK161077D0201
<b>Instructions and Manuals:</b>	1SNK160027C0201

## Dimensions

<b>Product Net Width:</b>	8 mm
<b>Product Net Height:</b>	89.2 mm
<b>Product Net Length:</b>	66.5 mm
<b>Product Net Depth / Length:</b>	66.5 mm
<b>Product Net Weight:</b>	29.4 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>	Feed-through + Fuse
<b>Number of Levels:</b>	2
<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 ... 6 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 Tap 32 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 480 A
<b>Rated Voltage (U<sub>r</sub>):</b>	800 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Dielectric Test Voltage:</b>	2000 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

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 300 V
<b>Connecting Capacity Main Circuit UL/CSA:</b>	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>	1SND161102A0200
<b>CSA Certificate:</b>	1SND161070A0209
<b>cUL Certificate:</b>	1SND161041A0210
<b>Declaration of Conformity - CE:</b>	1SND225103U1000
<b>DNV Certificate:</b>	1SND161087A0202
<b>EAC Certificate:</b>	1SND161009A1100

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**Environmental Information:** 1SND220176E0200

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**Instructions and Manuals:** 1SNK160027C0201

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**RoHS Information:** 1SND230491F0206

## Classifications

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**Object Classification Code:** X

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**ETIM 4:** EC000899 - Fuse terminal block

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**ETIM 5:** EC000899 - Fuse terminal block

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**ETIM 6:** EC000899 - Fuse terminal block

## Container Information

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**Package Level 1 Units:** 50 piece

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**Package Level 1 Width:** 176 mm

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**Package Level 1 Depth / Length:** 200 mm

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**Package Level 1 Height:** 75 mm

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**Package Level 1 Gross Weight:** 1.52 kg

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**Package Level 1 EAN:** 3472595084234

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**Package Level 2 Units:** 200 piece

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**Package Level 2 Width:** 300 mm

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**Package Level 2 Depth / Length:** 400 mm

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**Package Level 2 Height:** 200 mm

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**Package Level 2 Gross Weight:** 6.080 kg

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**Package Level 3 Units:** 9600 piece

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**Product Packing Type:** Box

