

## General Information

<b>Extended Product Type:</b>	ZS50-BK
<b>Product ID:</b>	1SNK516064R0000
<b>EAN:</b>	3472595160648
<b>Catalog Description:</b>	ZS50-BK Screw Clamp Terminal Block - Feed-through - Black
<b>Long Description:</b>	Combine high performance with compact dimensions: - Connect conductor s up to 50 mm <sup>2</sup> (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

<b>Color:</b>	Black
<b>Minimum Order Quantity:</b>	20 piece
<b>Customs Tariff Number:</b>	85369010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNK161070D0201
<b>Instructions and Manuals:</b>	1SNK160027C0201

## Dimensions

<b>Product Net Width:</b>	16 mm
<b>Product Net Height:</b>	63.6 mm
<b>Product Net Depth / Length:</b>	60.2 mm
<b>Product Net Weight:</b>	52.9 g

## Technical

<b>Rated Cross-Section:</b>	50 mm <sup>2</sup>
<b>Spacing:</b>	16 mm
<b>Connection Type:</b>	Screw clamp
<b>Function:</b>	Feed-through
<b>Number of Levels:</b>	1
<b>Connecting Capacity Main Circuit:</b>	Screw Clamp / Flexible 1x 1 ... 50 mm <sup>2</sup> Screw Clamp / Flexible 2x 1 ... 25 mm <sup>2</sup> Screw Clamp / Rigid 1x 1 ... 50 mm <sup>2</sup> Screw Clamp / Rigid 2x 1 ... 25 mm <sup>2</sup> Screw Clamp / With Insulated Ferrule 1x 1 ... 50 mm <sup>2</sup> Screw Clamp / Without Insulated Ferrule 1x 1 ... 50 mm <sup>2</sup> Screw Clamp / With Twin Ferrule 2x 1 ... 16 mm <sup>2</sup>

<b>Gauge Type:</b>	Dia.11
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 150 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 6000 A
<b>Rated Voltage (U<sub>r</sub>):</b>	1000 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>Power Loss:</b>	4.8 W
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
<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

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 1000 V
<b>Connecting Capacity Main Circuit UL/CSA:</b>	Screw Clamp / Rigid 1x 18 ... 0 AWG Screw Clamp / Rigid 2x 18 ... 4 AWG Screw Clamp / With Insulated Ferrule 1x 18 ... 0 AWG Screw Clamp / Without Insulated Ferrule 1x 18 ... 0 AWG Screw Clamp / With Twin Ferrule 2x 18 ... 4 AWG
<b>Connecting Capacity UL/CSA:</b>	Stranded 0 AWG
<b>Flammability According to UL94:</b>	V0
<b>Short-Circuit Current Rating (SCCR):</b>	100 kA

## 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

## Certificates and Declarations (Document Number)

<b>ATEX Certificate:</b>	1SND162004A1708
<b>BV Certificate:</b>	1SND161073A0204
<b>CB Certificate:</b>	1SND161103A0200
<b>CSA Certificate:</b>	1SND161070A0209
<b>cUL Certificate:</b>	1SND161041A0210
<b>Declaration of Conformity - CE:</b>	1SND225112U1004
<b>DNV Certificate:</b>	1SND161087A0202

<b>EAC Certificate:</b>	1SND161010A1100
<b>Environmental Information:</b>	1SND220071E1000
<b>Instructions and Manuals:</b>	1SNK160027C0201
<b>RMRS Certificate:</b>	1SND161008A1101
<b>RoHS Information:</b>	1SND230491F0207

## Classifications

<b>Object Classification Code:</b>	X
<b>ETIM 4:</b>	EC000897 - Feed-through terminal block
<b>ETIM 5:</b>	EC000897 - Feed-through terminal block
<b>ETIM 6:</b>	EC000897 - Feed-through terminal block

## Container Information

<b>Package Level 1 Units:</b>	20 piece
<b>Package Level 1 Width:</b>	82 mm
<b>Package Level 1 Depth / Length:</b>	265 mm
<b>Package Level 1 Height:</b>	65 mm
<b>Package Level 1 Gross Weight:</b>	1.058 kg
<b>Package Level 1 EAN:</b>	3472595160648
<b>Package Level 2 Units:</b>	160 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>	8.464 kg
<b>Package Level 3 Units:</b>	7680 piece
<b>Product Packing Type:</b>	Box

