

## General Information

<b>Extended Product Type:</b>	ZS50
<b>Product ID:</b>	1SNK516011R0000
<b>EAN:</b>	3472595160112
<b>Catalog Description:</b>	ZS50 Screw Clamp Terminal Block - Feed-through - Grey
<b>Long Description:</b>	Combine high performance with compact dimensions: - Connect conductors up to 50 mm <sup>2</sup> (CB certified) 0 AWG in just 16 mm 0.630 in spacing, - Perfectly adapted to solar application s: 1250 V DC (1000 V AC) IEC and 1000 V UL, - Closed terminal block: no end section needed, optimized rigidity.

## Additional Information

<b>ABB Industrial IT Suite:</b>	Control IT
<b>ATEX Certificate:</b>	1SND162004A1707
<b>Ambient Air Temperature:</b>	Operation -55 ... +110 °C Storage -55 ... +110 °C
<b>Ambient Temperature:</b>	-5 ... +40 °C
<b>BV Certificate:</b>	1SND161073A0204
<b>CB Certificate:</b>	1SND161103A0200
<b>CSA Certificate:</b>	1SND161070A0209
<b>Color:</b>	Grey
<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>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>Connection Type:</b>	Screw clamp
<b>Country of Origin:</b>	France (FR)
<b>Customs Tariff Number:</b>	85369010
<b>DNV Certificate:</b>	1SND161087A0202
<b>Data Sheet, Technical Information:</b>	1SNK161070D0201
<b>Declaration of Conformity - CE:</b>	1SND225112U1001
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
<b>Dielectric Test Voltage:</b>	2200 V
<b>EAC Certificate:</b>	1SND161010A1100
<b>EAN:</b>	3472595160112
<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
<b>Environmental Information:</b>	1SND220071E1000
<b>Flammability According to UL94:</b>	V0
<b>Function:</b>	Feed-through

Gauge Type:	Dia.11
IT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Instructions and Manuals:	1SNK160027C0201
Insulation Material:	Polyamide
Invoice Description:	ZS50 Screw Clamp Terminal Block - Feed-through - Grey
Maximum Operating Voltage UL/CSA:	Main Circuit 1000 V
Minimum Order Quantity:	20 piece
Mounting on DIN Rail:	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
Number of Connections:	2
Number of Levels:	1
Object Classification Code:	X
Order Multiple:	20 piece
Package Level 1 EAN:	3472595160112
Package Level 1 Gross Weight:	1.058 kg
Package Level 1 Height:	65 mm
Package Level 1 Length:	265 mm
Package Level 1 Units:	20 piece
Package Level 1 Width:	82 mm
Package Level 2 Height:	200 mm
Package Level 2 Length:	400 mm
Package Level 2 Units:	160 piece
Package Level 2 Width:	300 mm
Package Level 3 Units:	7680 piece
Pollution Degree:	3
Power Loss:	4.8 W
Product Main Type:	ZS50
Product Name:	Terminal Block
Product Net Depth:	60.2 mm
Product Net Height:	63.6 mm
Product Net Weight:	52.9 g
Product Net Width:	16 mm
Product Packing Type:	Box
RMRS Certificate:	1SND161008A1101
Rated Cross-Section:	50 mm²
Rated Current (I <sub>n</sub> ):	Main Circuit 150 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	8000 V
Rated Short-time Withstand Current (I <sub>cw</sub> ):	for 1 s 6000 A
Rated Voltage (U <sub>r</sub> ):	1000 V
Resistance to Vibrations acc. to IEC 60068-2-6:	Compliant
RoHS Date:	20140520
RoHS Information:	1SND230491F0207
Selling Unit of Measure:	piece
Short-Circuit Current Rating (SCCR):	100 kA
Spacing:	16 mm
Sub-Function:	2 connections
Wire Stripping Length:	17.0 mm

**cUL Certificate:** 1SND161041A0210

**Number of Potentials:** 1

**IECEX Certificate:** 1SND162005A1706

