

General Information

Extended Product Type:	ZS50
Product ID:	1SNK516011R0000
EAN:	3472595160112
Catalog Description:	ZS50 Screw Clamp Terminal Block - Feed-through - Grey
Long Description:	Combine high performance with compact dimensions: - Connect conductor s up to 50 mm ² (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

Color:	Grey
Minimum Order Quantity:	20 piece
Customs Tariff Number:	85369010

Popular Downloads

Data Sheet, Technical Information:	1SNK161070D0201
Instructions and Manuals:	1SNK160027C0201

Dimensions

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

Technical

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

Gauge Type:	Dia.11
Rated Current (I_n):	Main Circuit 150 A
Rated Short-time Withstand Current (I_{cw}):	for 1 s 6000 A
Rated Voltage (U_r):	1000 V
Rated Impulse Withstand Voltage (U_{imp}):	8000 V
Dielectric Test Voltage:	2200 V
Pollution Degree:	3
Power Loss:	4.8 W
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Insulation Material:	Polyamide
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
Wire Stripping Length:	17.0 mm

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 1000 V
Connecting Capacity Main Circuit UL/CSA:	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
Connecting Capacity UL/CSA:	Stranded 0 AWG
Flammability According to UL94:	V0
Short-Circuit Current Rating (SCCR):	100 kA

Environmental

Ambient Air Temperature:	Operation -55 ... +110 °C Storage -55 ... +110 °C
Resistance to Vibrations acc. to IEC 60068-2-6:	Compliant

Certificates and Declarations (Document Number)

ATEX Certificate:	1SND162004A1708
BV Certificate:	1SND161073A0204
CB Certificate:	1SND161103A0200
CSA Certificate:	1SND161070A0209
cUL Certificate:	1SND161041A0210
Declaration of Conformity - CE:	1SND225112U1004

DNV Certificate:	1SND161087A0202
EAC Certificate:	1SND161010A1100
Environmental Information:	1SND220071E1000
Instructions and Manuals:	1SNK160027C0201
RMRS Certificate:	1SND161008A1101
RoHS Information:	1SND230491F0207

Classifications

Object Classification Code:	X
ETIM 4:	EC000897 - Feed-through terminal block
ETIM 5:	EC000897 - Feed-through terminal block
ETIM 6:	EC000897 - Feed-through terminal block

Container Information

Package Level 1 Units:	20 piece
Package Level 1 Width:	82 mm
Package Level 1 Depth / Length:	265 mm
Package Level 1 Height:	65 mm
Package Level 1 Gross Weight:	1.058 kg
Package Level 1 EAN:	3472595160112
Package Level 2 Units:	160 piece
Package Level 2 Width:	300 mm
Package Level 2 Depth / Length:	400 mm
Package Level 2 Height:	200 mm
Package Level 2 Gross Weight:	8.464 kg
Package Level 3 Units:	7680 piece
Product Packing Type:	Box



