

PRODUCT-DETAILS

ZS50

ZS50 Screw Clamp Terminal Block - Feed-through - Grey



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 conductors 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	V-0
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

Categories

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

