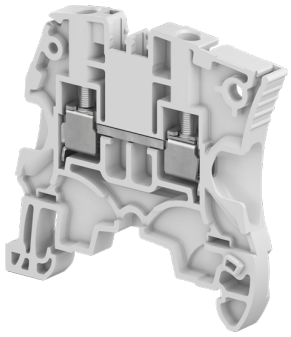
PRODUCT-DETAILS

ZS4

ZS4 Screw Clamp Terminal Block - Feed-through - Grey



General Information

Extended Product Type	ZS4
Product ID	1SNK505010R0000
EAN	3472595050109
Catalog Description	ZS4 Screw Clamp Terminal Block - Feed-through - Grey
Long Description	- Save space by connecting conductors up to 4 mm² (without insulated ferrule, CB certified) 12 AWG in just 5.2 mm 0.205 in spacing, - Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

Ordering

Color	Grey
Minimum Order Quantity	50 piece
Customs Tariff Number	85369010

Popular Downloads

Data Sheet, Technical Information	1SNK161001D0201
Instructions and Manuals	1SNK160027C0201

Dimensions

Product Net Width	5.2 mm

Product Net Height	53 mm
Product Net Length	47.3 mm
Product Net Depth / Length	47.3 mm
Product Net Weight	8.8 g

Technical

Rated Cross-Section	4 mm²
Spacing	5.2 mm
Connection Type	Screw Clamp
Function	Feed-through
Number of Levels	1
Connecting Capacity Main Circuit	Screw Clamp / Flexible 1x 0.22 ... 4 mm² Screw Clamp / Flexible 2x 0.2 ... 1.5 mm² Screw Clamp / Rigid 1x 0.2 ... 4 mm² Screw Clamp / Rigid 2x 0.2 ... 1.5 mm² Screw Clamp / With Insulated Ferrrule 1x 0.22 ... 2.5 mm² Screw Clamp / Without Insulated Ferrule 1x 0.22 ... 4 mm² Screw Clamp / With Twin Ferrule 2x 0.22 ... 1.5 mm²
Gauge Type	A3-B3
Rated Current (I_n)	Main Circuit 32 A
Rated Short-time Withstand Current (I_{cw})	for 1 s 480 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	1 W
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
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	10.5 mm
Recommended Screw Driver	3.5 mm

Technical UL/CSA

Maximum Operating Voltage UL/CSA	Main Circuit 600 V
Connecting Capacity Main Circuit UL/CSA	Screw Clamp / Flexible 1x 24 ... 12 AWG Screw Clamp / Flexible 2x 24 ... 16 AWG Screw Clamp / Rigid 1x 24 ... 12 AWG Screw Clamp / Rigid 2x 24 ... 16 AWG Screw Clamp / With Insulated Ferrrule 1x 24 ... 14 AWG Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / With Twin Ferrule 2x 24 ... 16 AWG
Connecting Capacity UL/CSA	Stranded 12 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
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Certificates and Declarations (Document Number)

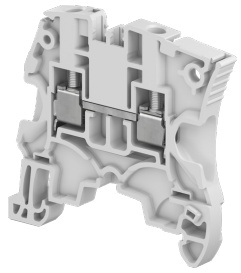
ATEX Certificate	1SND162004A1708
BV Certificate	1SND161073A0204
CB Certificate	1SND161017A0202
CSA Certificate	1SND161070A0209
cUL Certificate	1SND161040A0206
Declaration of Conformity - CE	1SND225112U1004
DNV Certificate	1SND161087A0202
EAC Certificate	1SND161010A1100
Environmental Information	1SND220071E1000
Instructions and Manuals	1SNK160027C0201
RINA Certificate	1SND161088A0200
RMRS Certificate	1SND161008A1101
RoHS Information	1SND230491F0206

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	50 piece
Package Level 1 Width	54 mm
Package Level 1 Depth / Length	252 mm
Package Level 1 Height	52 mm
Package Level 1 Gross Weight	0.44 kg
Package Level 1 EAN	3472595050109
Package Level 2 Units	900 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	7.92 kg
Package Level 3 Units	43200 piece

Categories

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