ZS50

ABB

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 mm² (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, optmized rigidity.

Additional Information

ABB Industrial IT Suite:	Control IT
ATEX Certificate:	1SND162004A1707
Ambient Air Temperature:	Operation -55 ... +110 °C Storage -55 ... +110 °C
Ambient Temperature:	-5 ... +40 °C
BV Certificate:	1SND161073A0204
CB Certificate:	1SND161103A0200
CSA Certificate:	1SND161070A0209
Color:	Grey
Connecting Capacity Main Circuit UL/CSA:	Screw Clamp / Rigid 1x 18 … 0 AWG Screw Clamp / Rigid 2x 18 … 4 AWG Screw Clamp / With Insulated Ferrrule 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
Connecting Capacity Main Circuit:	Screw Clamp / Flexible 1x 1 … 50 mm² Screw Clamp / Flexible 2x 1 … 25 mm² Screw Clamp / Rigid 1x 1 … 50 mm² Screw Clamp / Rigid 2x 1 … 25 mm² Screw Clamp / With Insulated Ferrrule 1x 1 … 50 mm² Screw Clamp / Without Insulated Ferrule 1x 1 … 50 mm² Screw Clamp / With Twin Ferrule 2x 1 … 16 mm²
Connection Type:	Screw clamp
Country of Origin:	France (FR)
Customs Tariff Number:	85369010
DNV Certificate:	1SND161087A0202
Data Sheet, Technical Information:	1SNK161070D0201
Declaration of Conformity - CE:	1SND225112U1001
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10
Dielectric Test Voltage:	2200 V
EAC Certificate:	1SND161010A1100
EAN:	3472595160112
ETIM 4:	EC000897 - Feed-through terminal block
ETIM 5:	EC000897 - Feed-through terminal block
ETIM 6:	EC000897 - Feed-through terminal block
Environmental Information:	1SND220071E1000
Flammability According to UL94:	V0
Function:	Feed-through

Gauge Type:	Dia.11
IIT 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
Rated Cross-Section:	50 mm²
Rated Current (I_n):	Main Circuit 150 A
Rated Impulse Withstand Voltage (U_{imp}):	8000 V
Rated Short-time Withstand Current (I_{cw}):	for 1 s 6000 A
Rated Voltage (U_r):	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