

# ZS6

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

## General Information

<b>Extended Product Type:</b>	ZS6
<b>Product ID:</b>	1SNK506010R0000
<b>EAN:</b>	3472595060108
<b>Catalog Description:</b>	ZS6 Screw Clamp Terminal Block - Feed-through - Grey
<b>Long Description:</b>	Save space by connecting conductors up to 6 mm <sup>2</sup> (without insulated ferrule, CB certified) 10 AWG in just 6 mm 0.236 in spacing, - Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

## 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>	1SND161025A0203
<b>CSA Certificate:</b>	1SND161070A0209
<b>Color:</b>	Grey
<b>Connecting Capacity Main Circuit UL/CSA:</b>	Screw Clamp / Flexible 1x 24 ... 10 AWG Screw Clamp / Flexible 2x 24 ... 14 AWG Screw Clamp / Rigid 1x 24 ... 10 AWG Screw Clamp / Rigid 2x 24 ... 14 AWG Screw Clamp / With Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / With Twin Ferrule 2x 24 ... 14 AWG
<b>Connecting Capacity UL/CSA:</b>	Stranded 10 AWG
<b>Connecting Capacity Main Circuit:</b>	Screw Clamp / Flexible 1x 0.2 ... 6 mm <sup>2</sup> Screw Clamp / Flexible 2x 0.2 ... 2.5 mm <sup>2</sup> Screw Clamp / Rigid 1x 0.2 ... 6 mm <sup>2</sup> Screw Clamp / Rigid 2x 0.2 ... 2.5 mm <sup>2</sup> Screw Clamp / With Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / Without Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / With Twin Ferrule 2x 0.22 ... 2.5 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>	1SNK161008D0201
<b>Declaration of Conformity - CE:</b>	1SND225112U1001
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<b>Dielectric Test Voltage:</b>	2200 V
<b>E-nummer:</b>	2925924
<b>EAC Certificate:</b>	1SND161010A1100
<b>EAN:</b>	3472595060108
<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

Function:	Feed-through
Gauge Type:	A4-B3
IIT Publishing Status:	Level 0 - Information enabled
Industrial IT Certification Level:	0
Instructions and Manuals:	1SNK160027C0201
Insulation Material:	Polyamide
Invoice Description:	ZS6 Screw Clamp Terminal Block - Feed-through - Grey
Maximum Operating Voltage UL/CSA:	Main Circuit 600 V
Minimum Order Quantity:	50 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:	50 piece
Package Level 1 EAN:	3472595060108
Package Level 1 Gross Weight:	0.53 kg
Package Level 1 Height:	52 mm
Package Level 1 Length:	252 mm
Package Level 1 Units:	50 piece
Package Level 1 Width:	62 mm
Package Level 2 Gross Weight:	8.450 kg
Package Level 2 Height:	200 mm
Package Level 2 Length:	400 mm
Package Level 2 Units:	750 piece
Package Level 2 Width:	300 mm
Package Level 3 Units:	36000 piece
Pollution Degree:	3
Power Loss:	1.3 W
Product Main Type:	ZS6
Product Name:	Terminal Block
Product Net Depth:	47.3 mm
Product Net Height:	53 mm
Product Net Length:	47.3 mm
Product Net Weight:	10.6 g
Product Net Width:	6 mm
Product Packing Type:	Box
RINA Certificate:	1SND161088A0200
RMRS Certificate:	1SND161008A1101
Rated Cross-Section:	6 mm <sup>2</sup>
Rated Current (I <sub>n</sub> ):	Main Circuit 41 A
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	8000 V
Rated Short-time Withstand Current (I <sub>cw</sub> ):	for 1 s 720 A
Rated Voltage (U <sub>r</sub> ):	1000 V
Recommended Screw Driver:	4 mm
Resistance to Vibrations acc. to IEC 60068-2-6:	Compliant
RoHS Date:	20050818
RoHS Information:	1SND230491F0206

Technical Information

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RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Selling Unit of Measure:	piece
Short Description:	ZS6 Screw Clamp Terminal Blocks
Short-Circuit Current Rating (SCCR):	100 kA
Spacing:	6 mm
Sub-Function:	2 connections
Sub-Function 3:	2 connections
Wire Stripping Length:	10.5 mm
cUL Certificate:	1SND161040A0206
Number of Potentials:	1
IECEx Certificate:	1SND162005A1706

