

## General Information

Extended Product Type:	ZS6-OR
Product ID:	1SNK506030R0000
EAN:	3472595060306
Catalog Description:	ZS6-OR Screw Clamp Terminal Block - Feed-through - Orange
Long Description:	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.

## Categories

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

## Ordering

Minimum Order Quantity:	50 piece
Customs Tariff Number:	85369010
Color:	Orange

## Dimensions

Product Net Height:	53 mm
Product Net Length:	47.3 mm
Product Net Depth:	47.3 mm
Product Net Weight:	10.6 g
Product Net Width:	6 mm

## Technical

Spacing:	6 mm
Connection Type:	Screw clamp
Function:	Feed-through
Number of Levels:	1
Connecting Capacity Main Circuit:	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>
Gauge Type:	A4-B3
Rated Current (I <sub>n</sub> ):	Main Circuit 41 A
Rated Short-time Withstand Current (I <sub>cw</sub> ):	for 1 s 720 A
Rated Voltage (U <sub>r</sub> ):	1000 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	8000 V
Dielectric Test Voltage:	2200 V
Pollution Degree:	3
Power Loss:	1.3 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:	4 mm
Rated Cross-Section:	6 mm <sup>2</sup>

## Technical UL/CSA

Connecting Capacity Main Circuit UL/CSA:	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
Connecting Capacity UL/CSA:	Stranded 10 AWG
Flammability According to UL94:	V0

**Short-Circuit Current Rating (SCCR):** 100 kA  
**Maximum Operating Voltage** Main Circuit 600 V  
**UL/CSA:**

## Environmental

**Resistance to Vibrations acc. to IEC 60068-2-6:** Compliant  
**RoHS Status:** Following EU Directive 2002/95/EC August 18, 2005 and amendment  
**Ambient Air Temperature:** Operation -55 ... +110 °C  
Storage -55 ... +110 °C

## Certificates and Declarations (Document Number)

**Instructions and Manuals:** 1SNK160027C0201  
**ATEX Certificate:** 1SND162004A1706  
**BV Certificate:** 1SND161073A0203  
**CB Certificate:** 1SND161025A0203  
**CSA Certificate:** 1SND161070A0208  
**cUL Certificate:** 1SND161040A0206  
**Data Sheet, Technical Information:** 1SNK161008D0201  
**Declaration of Conformity - CE:** 1SND225112U1000  
**DNV Certificate:** 1SND161087A0202  
**EAC Certificate:** 1SND161010A1100  
**RINA Certificate:** 1SND161088A0200  
**RoHS Information:** 1SND230491F0206

## Classifications

**E-nummer:** 2925926  
**ETIM 4:** EC000897 - Feed-through terminal block  
**ETIM 5:** EC000897 - Feed-through terminal block  
**ETIM 6:** EC000897 - Feed-through terminal block  
**Object Classification Code:** X

## Container Information

**Package Level 1 Width:** 62 mm  
**Package Level 1 Length:** 252 mm  
**Package Level 1 Height:** 52 mm  
**Package Level 1 Gross Weight:** 0.53 kg  
**Package Level 1 EAN:** 3472595060306  
**Package Level 2 Units:** 750 piece  
**Package Level 2 Width:** 300 mm  
**Package Level 2 Length:** 400 mm  
**Package Level 2 Height:** 200 mm  
**Package Level 2 Gross Weight:** 8.450 kg  
**Package Level 3 Units:** 36000 piece  
**Product Packing Type:** Box  
**Package Level 1 Units:** 50 piece

