

## General Information

<b>Extended Product Type:</b>	ZS4-BL
<b>Product ID:</b>	1SNK505020R0000
<b>EAN:</b>	3472595050208
<b>Catalog Description:</b>	ZS4-BL Screw Clamp Terminal Block - Feed-through - Blue
<b>Long Description:</b>	- Save space by connecting conductors up to 4 mm <sup>2</sup> (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.

## Categories

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

## Ordering

<b>Minimum Order Quantity:</b>	50 piece
<b>Customs Tariff Number:</b>	85369010
<b>Color:</b>	Blue

## Dimensions

<b>Product Net Height:</b>	53 mm
<b>Product Net Length:</b>	47.3 mm
<b>Product Net Depth:</b>	47.3 mm
<b>Product Net Weight:</b>	8.8 g
<b>Product Net Width:</b>	5.2 mm

## Technical

<b>Spacing:</b>	5.2 mm
<b>Connection Type:</b>	Screw clamp
<b>Function:</b>	Feed-through
<b>Number of Levels:</b>	1
<b>Connecting Capacity Main Circuit:</b>	Screw Clamp / Flexible 1x 0.22 ... 4 mm <sup>2</sup> Screw Clamp / Flexible 2x 0.2 ... 1.5 mm <sup>2</sup> Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup> Screw Clamp / Rigid 2x 0.2 ... 1.5 mm <sup>2</sup> Screw Clamp / With Insulated Ferrule 1x 0.22 ... 2.5 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 ... 1.5 mm <sup>2</sup>
<b>Gauge Type:</b>	A3-B3
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 32 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 480 A
<b>Rated Voltage (U<sub>r</sub>):</b>	1000 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Dielectric Test Voltage:</b>	2200 V
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	1 W
<b>Degree of Protection:</b>	acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20
<b>Insulation Material:</b>	Polyamide
<b>Mounting on DIN Rail:</b>	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
<b>Wire Stripping Length:</b>	10.5 mm
<b>Recommended Screw Driver:</b>	3.5 mm
<b>Rated Cross-Section:</b>	4 mm <sup>2</sup>

## Technical UL/CSA

<b>Connecting Capacity Main Circuit UL/CSA:</b>	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 Ferrule 1x 24 ... 14 AWG Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG Screw Clamp / With Twin Ferrule 2x 24 ... 16 AWG
<b>Connecting Capacity UL/CSA:</b>	Stranded 12 AWG
<b>Flammability According to UL94:</b>	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:** 1SND161017A0202  
**CSA Certificate:** 1SND161070A0208  
**cUL Certificate:** 1SND161040A0206  
**Data Sheet, Technical Information:** 1SNK161001D0201  
**Declaration of Conformity - CE:** 1SND225112U1000  
**DNV Certificate:** 1SND161087A0202  
**EAC Certificate:** 1SND161010A1100  
**RINA Certificate:** 1SND161088A0200  
**RoHS Information:** 1SND230491F0206

## Classifications

**E-nummer:** 2925901  
**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:** 54 mm  
**Package Level 1 Length:** 252 mm  
**Package Level 1 Height:** 52 mm  
**Package Level 1 Gross Weight:** 0.44 kg  
**Package Level 1 EAN:** 3472595050208  
**Package Level 2 Units:** 900 piece  
**Package Level 2 Width:** 300 mm  
**Package Level 2 Length:** 400 mm  
**Package Level 2 Height:** 200 mm  
**Package Level 2 Gross Weight:** 8.420 kg  
**Package Level 3 Units:** 43200 piece  
**Product Packing Type:** Box  
**Package Level 1 Units:** 50 piece

