

# ZS6-D1



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

## General Information

<b>Extended Product Type:</b>	ZS6-D1
<b>Product ID:</b>	1SNK506211R0000
<b>EAN:</b>	3472595062119
<b>Catalog Description:</b>	ZS6-D1 Screw Clamp Terminal Block - Double Deck - Grey
<b>Long Description:</b>	- Ease one potential distribution on 4 independent screw clamps, - Save space by connecting conductors up to 6 mm <sup>2</sup> 10 AWG in just 6 mm 0.236 in spacing, - Boost the performances: ZS6-D... with ES4-D2 end section is rated 1000 V DC IEC, perfectly adapted to solar applications.

## Ordering

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

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	1SNK161013D0201
<b>Instructions and Manuals:</b>	1SNK160027C0201

## Dimensions

<b>Product Net Width:</b>	6 mm
<b>Product Net Height:</b>	70.4 mm
<b>Product Net Length:</b>	65.5 mm
<b>Product Net Depth:</b>	65.5 mm
<b>Product Net Weight:</b>	18.4 g

## Technical

<b>Rated Cross-Section:</b>	6 mm <sup>2</sup>
<b>Spacing:</b>	6 mm
<b>Connection Type:</b>	Screw clamp
<b>Function:</b>	Feed-through
<b>Number of Levels:</b>	2

<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>Gauge Type:</b>	A4-B3
<b>Rated Current (I<sub>n</sub>):</b>	Main Circuit 40 A
<b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b>	for 1 s 720 A
<b>Rated Voltage (U<sub>r</sub>):</b>	800 V
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8000 V
<b>Dielectric Test Voltage:</b>	2000 V
<b>Pollution Degree:</b>	3
<b>Power Loss:</b>	2.6 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>	10.0 mm
<b>Recommended Screw Driver:</b>	4 mm

## Technical UL/CSA

<b>Maximum Operating Voltage UL/CSA:</b>	Main Circuit 300 V
<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>Flammability According to UL94:</b>	V0
<b>Short-Circuit Current Rating (SCCR):</b>	100 kA

## Environmental

<b>Ambient Air Temperature:</b>	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)

<b>ATEX Certificate:</b>	1SND162004A1708
<b>BV Certificate:</b>	1SND161073A0204
<b>CB Certificate:</b>	1SND161026A0204
<b>CSA Certificate:</b>	1SND161070A0209
<b>cUL Certificate:</b>	1SND161040A0206
<b>Declaration of Conformity - CE:</b>	1SND225112U1004
<b>DNV Certificate:</b>	1SND161087A0202
<b>EAC Certificate:</b>	1SND161010A1100
<b>Environmental Information:</b>	1SND220071E1000
<b>Instructions and Manuals:</b>	1SNK160027C0201
<b>RINA Certificate:</b>	1SND161088A0200
<b>RMRS Certificate:</b>	1SND161008A1101
<b>RoHS Information:</b>	1SND230491F0206

## Classifications

<b>Object Classification Code:</b>	X
<b>E-nummer:</b>	2925936
<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

## Container Information

<b>Package Level 1 Units:</b>	50 piece
<b>Package Level 1 Width:</b>	61 mm
<b>Package Level 1 Length:</b>	353 mm
<b>Package Level 1 Height:</b>	67 mm
<b>Package Level 1 Gross Weight:</b>	0.92 kg
<b>Package Level 1 EAN:</b>	3472595062119
<b>Package Level 2 Units:</b>	400 piece
<b>Package Level 2 Width:</b>	300 mm
<b>Package Level 2 Length:</b>	400 mm
<b>Package Level 2 Height:</b>	200 mm
<b>Package Level 2 Gross Weight:</b>	7.36 kg
<b>Package Level 3 Units:</b>	19200 piece

Product Packing Type:

Box

