

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

General Information

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| 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 conductor s up to 50 mm ² (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, optimized rigidity. |

Ordering

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| Color: | Grey |
| Minimum Order Quantity: | 20 piece |
| Customs Tariff Number: | 85369010 |

Popular Downloads

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|---|-----------------|
| Data Sheet, Technical Information: | 1SNK161070D0201 |
| Instructions and Manuals: | 1SNK160027C0201 |

Dimensions

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| Product Net Width: | 16 mm |
| Product Net Height: | 63.6 mm |
| Product Net Depth: | 60.2 mm |
| Product Net Weight: | 52.9 g |

Technical

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| Rated Cross-Section: | 50 mm ² |
| Spacing: | 16 mm |
| Connection Type: | Screw clamp |
| Function: | Feed-through |
| Number of Levels: | 1 |
| Connecting Capacity Main Circuit: | Screw Clamp / Flexible 1x 1 ... 50 mm ² Screw Clamp / Flexible 2x 1 ... 25 mm ² Screw Clamp / Rigid 1x 1 ... 50 mm ² Screw Clamp / Rigid 2x 1 ... 25 mm ² Screw Clamp / With Insulated Ferrule 1x 1 ... 50 mm ² Screw Clamp / Without Insulated Ferrule 1x 1 ... 50 mm ² Screw Clamp / With Twin Ferrule 2x 1 ... 16 mm ² |

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| Gauge Type: | Dia.11 |
| Rated Current (I_n): | Main Circuit 150 A |
| Rated Short-time Withstand Current (I_{cw}): | for 1 s 6000 A |
| Rated Voltage (U_r): | 1000 V |
| Rated Impulse Withstand Voltage (U_{imp}): | 8000 V |
| Dielectric Test Voltage: | 2200 V |
| Pollution Degree: | 3 |
| Power Loss: | 4.8 W |
| Degree of Protection: | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10 |
| 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: | 17.0 mm |

Technical UL/CSA

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| Maximum Operating Voltage UL/CSA: | Main Circuit 1000 V |
| Connecting Capacity Main Circuit UL/CSA: | Screw Clamp / Rigid 1x 18 ... 0 AWG Screw Clamp / Rigid 2x 18 ... 4 AWG Screw Clamp / With Insulated Ferrule 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 |
| Flammability According to UL94: | V0 |
| Short-Circuit Current Rating (SCCR): | 100 kA |

Environmental

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| Ambient Air Temperature: | Operation -55 ... +110 °C Storage -55 ... +110 °C |
| Resistance to Vibrations acc. to IEC 60068-2-6: | Compliant |

Certificates and Declarations (Document Number)

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| ATEX Certificate: | 1SND162004A1708 |
| BV Certificate: | 1SND161073A0204 |
| CB Certificate: | 1SND161103A0200 |
| CSA Certificate: | 1SND161070A0209 |
| cUL Certificate: | 1SND161041A0210 |
| Declaration of Conformity - CE: | 1SND225112U1004 |

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|-----------------------------------|-----------------|
| DNV Certificate: | 1SND161087A0202 |
| EAC Certificate: | 1SND161010A1100 |
| Environmental Information: | 1SND220071E1000 |
| Instructions and Manuals: | 1SNK160027C0201 |
| RMRS Certificate: | 1SND161008A1101 |
| RoHS Information: | 1SND230491F0207 |

Classifications

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| Object Classification Code: | X |
| ETIM 4: | EC000897 - Feed-through terminal block |
| ETIM 5: | EC000897 - Feed-through terminal block |
| ETIM 6: | EC000897 - Feed-through terminal block |

Container Information

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| Package Level 1 Units: | 20 piece |
| Package Level 1 Width: | 82 mm |
| Package Level 1 Length: | 265 mm |
| Package Level 1 Height: | 65 mm |
| Package Level 1 Gross Weight: | 1.058 kg |
| Package Level 1 EAN: | 3472595160112 |
| Package Level 2 Units: | 160 piece |
| Package Level 2 Width: | 300 mm |
| Package Level 2 Length: | 400 mm |
| Package Level 2 Height: | 200 mm |
| Package Level 2 Gross Weight: | 8.464 kg |
| Package Level 3 Units: | 7680 piece |
| Product Packing Type: | Box |



