

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | ZS10-BK   |
| <b>Product ID:</b>            | 1SNK508066R0000   |
| <b>EAN:</b>                   | 3472595080663   |
| <b>Catalog Description:</b>   | ZS10-BK Screw Clamp Terminal Block - Feed-through - Black   |
| <b>Long Description:</b>      | - Save space by connecting conductors up to 10 mm <sup>2</sup> (without insulated ferrule, CB certified) 6 AWG in just 8 mm 0.315 in spacing, - Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC. |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Color:</b>                  | Black    |
| <b>Minimum Order Quantity:</b> | 50 piece |
| <b>Customs Tariff Number:</b>  | 85369010 |

## Popular Downloads

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SNK161004D0201 |
| <b>Instructions and Manuals:</b>          | 1SNK160027C0201 |

## Dimensions

|                                    |         |
|------------------------------------|---------|
| <b>Product Net Width:</b>          | 8 mm    |
| <b>Product Net Height:</b>         | 53 mm   |
| <b>Product Net Length:</b>         | 47.3 mm |
| <b>Product Net Depth / Length:</b> | 47.3 mm |
| <b>Product Net Weight:</b>         | 14.1 g  |

## Technical

|  |  |
|--|--|
| <b>Rated Cross-Section:</b>              | 10 mm <sup>2</sup>   |
| <b>Spacing:</b>                          | 8 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 0.5 ... 10 mm <sup>2</sup><br>Screw Clamp / Flexible 2x 0.5 ... 4 mm <sup>2</sup><br>Screw Clamp / Rigid 1x 0.5 ... 10 mm <sup>2</sup><br>Screw Clamp / Rigid 2x 0.5 ... 4 mm <sup>2</sup><br>Screw Clamp / With Insulated Ferrule 1x 0.5 ... 6 mm <sup>2</sup><br>Screw Clamp / Without Insulated Ferrule 1x 0.5 ... 10 mm <sup>2</sup><br>Screw Clamp / With Twin Ferrule 2x 0.5 ... 4 mm <sup>2</sup> |

|   |  |
|---|--|
| <b>Gauge Type:</b>  | A5-B5  |
| <b>Rated Current (I<sub>n</sub>):</b>                       | Main Circuit 57 A  |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b> | for 1 s 1200 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>  | 1.8 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<br>TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| <b>Wire Stripping Length:</b>                               | 12.0 mm  |
| <b>Recommended Screw Driver:</b>                            | 4 mm   |

## Technical UL/CSA

|   |  |
|---|--|
| <b>Maximum Operating Voltage UL/CSA:</b>        | Main Circuit 600 V   |
| <b>Connecting Capacity Main Circuit UL/CSA:</b> | Screw Clamp / Flexible 1x 24 ... 6 AWG<br>Screw Clamp / Flexible 2x 20 ... 12 AWG<br>Screw Clamp / Rigid 1x 24 ... 6 AWG<br>Screw Clamp / Rigid 2x 20 ... 12 AWG<br>Screw Clamp / With Insulated Ferrule 1x 24 ... 10 AWG<br>Screw Clamp / Without Insulated Ferrule 1x 24 ... 8 AWG<br>Screw Clamp / With Twin Ferrule 2x 20 ... 12 AWG |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 6 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<br>Storage -55 ... +110 °C            |
| <b>Resistance to Vibrations acc. to IEC 60068-2-6:</b> | Compliant   |
| <b>RoHS Status:</b>                                    | 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>                 | 1SND161018A0202 |
| <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>                   | 2925965                                |
| <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>          | 82 mm         |
| <b>Package Level 1 Depth / Length:</b> | 252 mm        |
| <b>Package Level 1 Height:</b>         | 52 mm         |
| <b>Package Level 1 Gross Weight:</b>   | 0.705 kg      |
| <b>Package Level 1 EAN:</b>            | 3472595080663 |
| <b>Package Level 2 Units:</b>          | 600 piece     |
| <b>Package Level 2 Width:</b>          | 300 mm        |
| <b>Package Level 2 Depth / Length:</b> | 400 mm        |
| <b>Package Level 2 Height:</b>         | 200 mm        |
| <b>Package Level 2 Gross Weight:</b>   | 8.46 kg       |
| <b>Package Level 3 Units:</b>          | 28800 piece   |
| <b>Product Packing Type:</b>           | Box           |

