

# ZS4-T3-R1



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

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | ZS4-T3-R1   |
| <b>Product ID:</b>            | 1SNK506213R0000   |
| <b>EAN:</b>                   | 3472595062133   |
| <b>Catalog Description:</b>   | ZS4-T3-R1 Screw Clamp Terminal Block - Feed-through - Grey  |
| <b>Long Description:</b>      | Unique triple deck solution combining increased connecting capacity ( up to 4 mm <sup>2</sup> with ferrule) and jumper channel available on each deck, - Fit many applications: space constraints, multiple signals distribution, sensors distribution, - Closed terminal block: no end section needed, optimized rigidity. |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Color:</b>                  | Grey     |
| <b>Minimum Order Quantity:</b> | 25 piece |
| <b>Customs Tariff Number:</b>  | 85369010 |

## Popular Downloads

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SNK161079D0201 |
| <b>Instructions and Manuals:</b>          | 1SNK160027C0201 |

## Dimensions

|                            |          |
|----------------------------|----------|
| <b>Product Net Width:</b>  | 6 mm     |
| <b>Product Net Height:</b> | 100.1 mm |
| <b>Product Net Length:</b> | 78.4 mm  |
| <b>Product Net Depth:</b>  | 78.4 mm  |
| <b>Product Net Weight:</b> | 28.3 g   |

## Technical

|                             |                   |
|-----------------------------|-------------------|
| <b>Rated Cross-Section:</b> | 4 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>    | 3                 |

|   |   |
|---|---|
| <b>Connecting Capacity Main Circuit:</b>                    | Screw Clamp / Flexible 1x 0.22 ... 4 mm <sup>2</sup><br>Screw Clamp / Flexible 2x 0.2 ... 1.5 mm <sup>2</sup><br>Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup><br>Screw Clamp / Rigid 2x 0.2 ... 1.5 mm <sup>2</sup><br>Screw Clamp / With Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup><br>Screw Clamp / Without Insulated Ferrule 1x 0.22 ... 4 mm <sup>2</sup><br>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<br>Tap 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>                       | 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>  | 3 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>                               | 10.5 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 / Rigid 1x 24 ... 10 AWG<br>Screw Clamp / Rigid 2x 24 ... 16 AWG<br>Screw Clamp / With Insulated Ferrule 1x 24 ... 12 AWG<br>Screw Clamp / Without Insulated Ferrule 1x 24 ... 12 AWG<br>Screw Clamp / With Twin Ferrule 2x 24 ... 16 AWG |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 10 AWG   |
| <b>Flammability According to UL94:</b>          | V0  |

## 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>BV Certificate:</b>                 | 1SND161073A0204 |
| <b>CB Certificate:</b>                 | 1SND161095A0200 |
| <b>CSA Certificate:</b>                | 1SND161070A0209 |
| <b>cUL Certificate:</b>                | 1SND161041A0210 |
| <b>Declaration of Conformity - CE:</b> | 1SND225100U1000 |
| <b>DNV Certificate:</b>                | 1SND161087A0202 |
| <b>EAC Certificate:</b>                | 1SND161009A1100 |
| <b>Environmental Information:</b>      | 1SND220178E0200 |
| <b>Instructions and Manuals:</b>       | 1SNK160027C0201 |
| <b>RMRS Certificate:</b>               | 1SND161008A1101 |
| <b>RoHS Information:</b>               | 1SND230491F0206 |

## Classifications

|                                    |  |
|------------------------------------|--|
| <b>Object Classification Code:</b> | X                                      |
| <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>        | 25 piece      |
| <b>Package Level 1 Width:</b>        | 147 mm        |
| <b>Package Level 1 Length:</b>       | 117 mm        |
| <b>Package Level 1 Height:</b>       | 97 mm         |
| <b>Package Level 1 Gross Weight:</b> | 0.732 kg      |
| <b>Package Level 1 EAN:</b>          | 3472595062133 |
| <b>Package Level 2 Units:</b>        | 350 piece     |
| <b>Package Level 2 Width:</b>        | 300 mm        |
| <b>Package Level 2 Length:</b>       | 500 mm        |
| <b>Package Level 2 Height:</b>       | 300 mm        |
| <b>Package Level 2 Gross Weight:</b> | 10.255 kg     |
| <b>Package Level 3 Units:</b>        | 8400 piece    |
| <b>Product Packing Type:</b>         | Box           |

