

# ZK2.5-3P-RD



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

## General Information

|                               |  |
|-------------------------------|--|
| <b>Extended Product Type:</b> | ZK2.5-3P-RD  |
| <b>Product ID:</b>            | 1SNK705069R0000  |
| <b>EAN:</b>                   | 3472597050695  |
| <b>Catalog Description:</b>   | ZK2.5-3P-RD PI-Spring clamp Terminal Block - Feed-through - Red  |
| <b>Long Description:</b>      | Find all the features of the ZK2.5 terminal block with the added option of distributing or branching 3 conductors. |

## Ordering

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

## Popular Downloads

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SNK162019D0201 |
| <b>Instructions and Manuals:</b>          | 1SNK160027C0201 |

## Dimensions

|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 5.2 mm  |
| <b>Product Net Height:</b> | 64.7 mm |
| <b>Product Net Length:</b> | 40.2 mm |
| <b>Product Net Depth:</b>  | 40.2 mm |
| <b>Product Net Weight:</b> | 7.4 g   |

## Technical

|  |   |
|--|---|
| <b>Rated Cross-Section:</b>              | 2.5 mm <sup>2</sup>   |
| <b>Spacing:</b>                          | 5.2 mm  |
| <b>Connection Type:</b>                  | PI Spring   |
| <b>Function:</b>                         | Feed-through  |
| <b>Number of Levels:</b>                 | 1   |
| <b>Connecting Capacity Main Circuit:</b> | Spring Clamp / Flexible 1x 0.22 ... 2.5 mm <sup>2</sup><br>Spring Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup><br>Spring Clamp / With Insulated Ferrule 1x 0.22 ... 2.5 mm <sup>2</sup><br>Spring Clamp / Without Insulated Ferrule 1x 0.22 ... 2.5 mm <sup>2</sup><br>Spring Clamp / With Twin Ferrule 2x 0.22 ... 0.5 mm <sup>2</sup> |
| <b>Gauge Type:</b>                       | A2 / 2.3 mm Dia.  |
| <b>Rated Current (I<sub>n</sub>):</b>    | Main Circuit 24 A   |

|  |  |
|--|--|
| <b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b> | for 1 s 300 A  |
| <b>Rated Voltage (<math>U_r</math>):</b>                         | 1000 V   |
| <b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</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<br>TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| <b>Wire Stripping Length:</b>                                    | 11.0 mm  |

## Technical UL/CSA

|   |  |
|---|--|
| <b>Maximum Operating Voltage UL/CSA:</b>        | Main Circuit 600 V   |
| <b>Connecting Capacity Main Circuit UL/CSA:</b> | Spring Clamp / Rigid 1x 26 ... 12 AWG<br>Spring Clamp / With Insulated Ferrule 1x 26 ... 14 AWG<br>Spring Clamp / Without Insulated Ferrule 1x 26 ... 14 AWG |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 12 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 2011/65/EU                    |

## Certificates and Declarations (Document Number)

|  |                 |
|--|-----------------|
| <b>ATEX Certificate:</b>               | 1SND162009A1702 |
| <b>BV Certificate:</b>                 | 1SND162013A0203 |
| <b>CB Certificate:</b>                 | 1SND162016A0200 |
| <b>CSA Certificate:</b>                | 1SND162014A0206 |
| <b>cUL Certificate:</b>                | 1SND162012A0204 |
| <b>Declaration of Conformity - CE:</b> | 1SND225112U1004 |
| <b>DNV Certificate:</b>                | 1SND162023A0200 |
| <b>EAC Certificate:</b>                | 1SND161010A1100 |

**Environmental Information:** 1SND220072E1002

**Instructions and Manuals:** 1SNK160027C0201

**RoHS Information:** 1SND230535F0201

## Classifications

**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

**Package Level 1 Units:** 50 piece

**Package Level 1 Width:** 68 mm

**Package Level 1 Length:** 262 mm

**Package Level 1 Height:** 46 mm

**Package Level 1 Gross Weight:** 0.42 kg

**Package Level 1 EAN:** 3472597050695

**Package Level 2 Units:** 750 piece

**Package Level 2 Width:** 300 mm

**Package Level 2 Length:** 400 mm

**Package Level 2 Height:** 200 mm

**Package Level 2 Gross Weight:** 6.3 kg

**Package Level 3 Units:** 36000 piece

**Product Packing Type:** Box

