

## General Information

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| Extended Product Type: | ZK2.5-3P                                                                                                           |
| Product ID:            | 1SNK705011R0000                                                                                                    |
| EAN:                   | 3472597050114                                                                                                      |
| Catalog Description:   | ZK2.5-3P PI-Spring clamp Terminal Block - Feed-through - Grey                                                      |
| Long Description:      | Find all the features of the ZK2.5 terminal block with the added option of distributing or branching 3 conductors. |

## Categories

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

## Ordering

|                         |          |
|-------------------------|----------|
| Minimum Order Quantity: | 50 piece |
| Customs Tariff Number:  | 85369010 |
| Color:                  | Grey     |

## Dimensions

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

## Technical

|                                                        |                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spacing:                                               | 5.2 mm                                                                                                                                                                                                                                                                                                                                |
| Connection Type:                                       | PI Spring                                                                                                                                                                                                                                                                                                                             |
| Function:                                              | Feed-through                                                                                                                                                                                                                                                                                                                          |
| Number of Levels:                                      | 1                                                                                                                                                                                                                                                                                                                                     |
| Connecting Capacity Main Circuit:                      | 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> |
| Gauge Type:                                            | A2 / 2.3 mm Dia.                                                                                                                                                                                                                                                                                                                      |
| Rated Current (I <sub>n</sub> ):                       | Main Circuit 24 A                                                                                                                                                                                                                                                                                                                     |
| Rated Short-time Withstand Current (I <sub>cw</sub> ): | for 1 s 300 A                                                                                                                                                                                                                                                                                                                         |
| Rated Voltage (U <sub>r</sub> ):                       | 1000 V                                                                                                                                                                                                                                                                                                                                |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):   | 8000 V                                                                                                                                                                                                                                                                                                                                |
| Dielectric Test Voltage:                               | 2200 V                                                                                                                                                                                                                                                                                                                                |
| Pollution Degree:                                      | 3                                                                                                                                                                                                                                                                                                                                     |
| Power Loss:                                            | 0.8 W                                                                                                                                                                                                                                                                                                                                 |
| Degree of Protection:                                  | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20                                                                                                                                                                                                                                                                          |
| Insulation Material:                                   | Polyamide                                                                                                                                                                                                                                                                                                                             |
| Mounting on DIN Rail:                                  | 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                                                                                                                                                                                                                        |
| Wire Stripping Length:                                 | 11.0 mm                                                                                                                                                                                                                                                                                                                               |
| Rated Cross-Section:                                   | 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                   |

## Technical UL/CSA

|                                          |                                                                                                                                                              |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Connecting Capacity Main Circuit UL/CSA: | 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 |
| Connecting Capacity UL/CSA:              | Stranded 12 AWG                                                                                                                                              |
| Flammability According to UL94:          | V0                                                                                                                                                           |
| Short-Circuit Current Rating (SCCR):     | 100 kA                                                                                                                                                       |
| Maximum Operating Voltage UL/CSA:        | Main Circuit 600 V                                                                                                                                           |

## Environmental

Resistance to Vibrations acc. to IEC 60068-2-6: Compliant

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| <b>RoHS Status:</b>             | Following EU Directive 2011/65/EC                    |
| <b>Ambient Air Temperature:</b> | Operation -55 ... +110 °C<br>Storage -55 ... +110 °C |

#### Certificates and Declarations (Document Number)

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Instructions and Manuals:</b>          | 1SNK160027C0201 |
| <b>ATEX Certificate:</b>                  | 1SND162009A1701 |
| <b>BV Certificate:</b>                    | 1SND162013A0202 |
| <b>CB Certificate:</b>                    | 1SND162016A0200 |
| <b>CSA Certificate:</b>                   | 1SND162014A0203 |
| <b>cUL Certificate:</b>                   | 1SND162012A0203 |
| <b>Data Sheet, Technical Information:</b> | 1SNK162019D0201 |
| <b>Declaration of Conformity - CE:</b>    | 1SND225112U1000 |
| <b>DNV Certificate:</b>                   | 1SND162023A0200 |
| <b>EAC Certificate:</b>                   | 1SND161010A1100 |
| <b>RoHS Information:</b>                  | 1SND230535F0201 |

#### Classifications

|                                    |                                        |
|------------------------------------|----------------------------------------|
| <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 |
| <b>Object Classification Code:</b> | X                                      |

#### Container Information

|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Width:</b>        | 68 mm         |
| <b>Package Level 1 Length:</b>       | 262 mm        |
| <b>Package Level 1 Height:</b>       | 46 mm         |
| <b>Package Level 1 Gross Weight:</b> | 0.42 kg       |
| <b>Package Level 1 EAN:</b>          | 3472597050114 |
| <b>Package Level 2 Units:</b>        | 750 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> | 6.300 kg      |
| <b>Package Level 3 Units:</b>        | 36000 piece   |
| <b>Product Packing Type:</b>         | Box           |
| <b>Package Level 1 Units:</b>        | 50 piece      |

