

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

## General Information

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| <b>Extended Product Type:</b> | ZK6-3P   |
| <b>Product ID:</b>            | 1SNK708011R0000  |
| <b>EAN:</b>                   | 3472597080111  |
| <b>Catalog Description:</b>   | ZK6-3P PI-Spring clamp Terminal Block - Feed-through - Grey  |
| <b>Long Description:</b>      | Find all the features of the ZK6 terminal block with the added option of distributing or branching 3 conductors. |

## Additional Information

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| <b>ABB Industrial IT Suite:</b>                 | Control IT   |
| <b>ATEX Certificate:</b>                        | 1SND162009A1702  |
| <b>Ambient Air Temperature:</b>                 | Operation -55 ... +110 °C<br>Storage -55 ... +110 °C   |
| <b>Ambient Temperature:</b>                     | -5 ... +40 °C  |
| <b>BV Certificate:</b>                          | 1SND162013A0203  |
| <b>CB Certificate:</b>                          | 1SND162016A0200  |
| <b>CSA Certificate:</b>                         | 1SND162014A0205  |
| <b>Color:</b>                                   | Grey   |
| <b>Connecting Capacity Main Circuit UL/CSA:</b> | Spring Clamp / Rigid 1x 24 ... 8 AWG<br>Spring Clamp / With Insulated Ferrule 1x 24 ... 10 AWG<br>Spring Clamp / Without Insulated Ferrule 1x 24 ... 10 AWG  |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 8 AWG   |
| <b>Connecting Capacity Main Circuit:</b>        | Spring Clamp / Flexible 1x 0.5 ... 6 mm <sup>2</sup><br>Spring Clamp / Rigid 1x 0.5 ... 10 mm <sup>2</sup><br>Spring Clamp / With Insulated Ferrule 1x 0.5 ... 6 mm <sup>2</sup><br>Spring Clamp / Without Insulated Ferrule 1x 0.5 ... 6 mm <sup>2</sup><br>Spring Clamp / With Twin Ferrule 2x 0.5 ... 1.5 mm <sup>2</sup> |
| <b>Connection Type:</b>                         | PI Spring  |
| <b>Country of Origin:</b>                       | France (FR)  |
| <b>Customs Tariff Number:</b>                   | 85369010   |
| <b>DNV Certificate:</b>                         | 1SND162023A0200  |
| <b>Data Sheet, Technical Information:</b>       | 1SNK162031D0201  |
| <b>Declaration of Conformity - CE:</b>          | 1SND225112U1001  |
| <b>Degree of Protection:</b>                    | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20   |
| <b>Dielectric Test Voltage:</b>                 | 2200 V   |
| <b>EAC Certificate:</b>                         | 1SND161010A1100  |
| <b>EAN:</b>                                     | 3472597080111  |
| <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>Environmental Information:</b>               | 1SND220072E1002  |
| <b>Flammability According to UL94:</b>          | V0   |
| <b>Function:</b>                                | Feed-through   |
| <b>Gauge Type:</b>                              | A5 & 3.9 mm Dia.   |
| <b>IIT Publishing Status:</b>                   | Level 0 - Information enabled  |
| <b>Industrial IT Certification Level:</b>       | 0  |
| <b>Instructions and Manuals:</b>                | 1SNK160027C0201  |
| <b>Insulation Material:</b>                     | Polyamide  |

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| <b>Invoice Description:</b>                                 | ZK6-3P PI-Spring clamp Terminal Block - Feed-through - Grey  |
| <b>Maximum Operating Voltage UL/CSA:</b>                    | Main Circuit 600 V   |
| <b>Minimum Order Quantity:</b>                              | 50 piece   |
| <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>Number of Connections:</b>                               | 3  |
| <b>Number of Levels:</b>                                    | 1  |
| <b>Object Classification Code:</b>                          | X  |
| <b>Order Multiple:</b>                                      | 50 piece   |
| <b>Package Level 1 EAN:</b>                                 | 3472597080111  |
| <b>Package Level 1 Gross Weight:</b>                        | 0.885 kg   |
| <b>Package Level 1 Height:</b>                              | 44 mm  |
| <b>Package Level 1 Length:</b>                              | 202 mm   |
| <b>Package Level 1 Units:</b>                               | 50 piece   |
| <b>Package Level 1 Width:</b>                               | 160 mm   |
| <b>Package Level 2 Gross Weight:</b>                        | 5.310 kg   |
| <b>Package Level 2 Height:</b>                              | 200 mm   |
| <b>Package Level 2 Length:</b>                              | 400 mm   |
| <b>Package Level 2 Units:</b>                               | 300 piece  |
| <b>Package Level 2 Width:</b>                               | 300 mm   |
| <b>Package Level 3 Units:</b>                               | 14400 piece  |
| <b>Pollution Degree:</b>                                    | 3  |
| <b>Power Loss:</b>  | 1.3 W  |
| <b>Product Main Type:</b>                                   | ZK6-3P   |
| <b>Product Name:</b>  | Terminal Block   |
| <b>Product Net Depth:</b>                                   | 41.9 mm  |
| <b>Product Net Height:</b>                                  | 79.1 mm  |
| <b>Product Net Length:</b>                                  | 41.9 mm  |
| <b>Product Net Weight:</b>                                  | 16.7 g   |
| <b>Product Net Width:</b>                                   | 8 mm   |
| <b>Product Packing Type:</b>                                | Box  |
| <b>Rated Cross-Section:</b>                                 | 6 mm <sup>2</sup>  |
| <b>Rated Current (I<sub>n</sub>):</b>                       | Main Circuit 41 A  |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>   | 8000 V   |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b> | for 1 s 720 A  |
| <b>Rated Voltage (U<sub>r</sub>):</b>                       | 1000 V   |
| <b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>      | Compliant  |
| <b>RoHS Date:</b>   | 20110608   |
| <b>RoHS Information:</b>                                    | 1SND230535F0201  |
| <b>RoHS Status:</b>   | Following EU Directive 2011/65/EC  |
| <b>Selling Unit of Measure:</b>                             | piece  |
| <b>Short-Circuit Current Rating (SCCR):</b>                 | 100 kA   |
| <b>Spacing:</b>   | 8 mm   |
| <b>Sub-Function:</b>  | 3 connections  |
| <b>Sub-Function 3:</b>                                      | 3 connections  |
| <b>Wire Stripping Length:</b>                               | 12.5 mm  |
| <b>cUL Certificate:</b>                                     | 1SND162012A0203  |
| <b>Number of Potentials:</b>                                | 1  |

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IECEX Certificate:

1SND162010A1702