

# ZS10-ST-1



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

## General Information

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| <b>Extended Product Type:</b> | ZS10-ST-1  |
| <b>Product ID:</b>            | 1SNK508312R0000  |
| <b>EAN:</b>                   | 3472595083121  |
| <b>Catalog Description:</b>   | ZS10-ST-1 - Screw terminal block- Test disconnect- Grey  |
| <b>Long Description:</b>      | Test terminal blocks especially designed for Potential Transformers circuits: - low profile voltage measurement thanks to the two compact built-in test sockets compatible with DIA 4 mm 0.157 in test plugs, - Installed with our aligned feed-through and ground terminal blocks, you benefit of a complete and compact solution for your PT circuits. |

## Additional Information

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| <b>ABB Industrial IT Suite:</b>                 | Control IT   |
| <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>                          | 1SND161073A0204  |
| <b>CB Certificate:</b>                          | 1SND161091A0200  |
| <b>CSA Certificate:</b>                         | 1SND161070A0209  |
| <b>Color:</b>                                   | Grey   |
| <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>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>Connection Type:</b>                         | Screw clamp  |
| <b>Country of Origin:</b>                       | France (FR)  |
| <b>Customs Tariff Number:</b>                   | 85369010   |
| <b>DNV Certificate:</b>                         | 1SND161087A0202  |
| <b>Data Sheet, Technical Information:</b>       | 1SNK161062D0201  |
| <b>Declaration of Conformity - CE:</b>          | 1SND225102U1000  |
| <b>Degree of Protection:</b>                    | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP10   |
| <b>Dielectric Test Voltage:</b>                 | 2000 V   |
| <b>EAC Certificate:</b>                         | 1SND161009A1100  |
| <b>EAN:</b>                                     | 3472595083121  |
| <b>ETIM 4:</b>                                  | EC000902 - (Knife) disconnect terminal block   |
| <b>ETIM 5:</b>                                  | EC000902 - (Knife) disconnect terminal block   |
| <b>ETIM 6:</b>                                  | EC000902 - (Knife) disconnect terminal block   |
| <b>Environmental Information:</b>               | 1SND220071E1000  |
| <b>Flammability According to UL94:</b>          | V0   |
| <b>Function:</b>                                | Disconnect   |

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| Gauge Type:  | A5-B5  |
| IIT Publishing Status:                                 | Level 0 - Information enabled  |
| Industrial IT Certification Level:                     | 0  |
| Instructions and Manuals:                              | 1SNK160027C0201  |
| Insulation Material:                                   | Polyamide  |
| Invoice Description:                                   | ZS10-ST-1 - Screw terminal block- Test disconnect- Grey  |
| Maximum Operating Voltage UL/CSA:                      | Main Circuit 300 V   |
| Minimum Order Quantity:                                | 25 piece   |
| 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 |
| Number of Connections:                                 | 2  |
| Number of Levels:                                      | 1  |
| Object Classification Code:                            | X  |
| Order Multiple:  | 25 piece   |
| Package Level 1 EAN:                                   | 3472595083121  |
| Package Level 1 Gross Weight:                          | 0.675 kg   |
| Package Level 1 Height:                                | 65 mm  |
| Package Level 1 Length:                                | 265 mm   |
| Package Level 1 Units:                                 | 25 piece   |
| Package Level 1 Width:                                 | 82 mm  |
| Package Level 2 Gross Weight:                          | 7.300 kg   |
| Package Level 2 Height:                                | 200 mm   |
| Package Level 2 Length:                                | 400 mm   |
| Package Level 2 Units:                                 | 250 piece  |
| Package Level 2 Width:                                 | 300 mm   |
| Package Level 3 Units:                                 | 12000 piece  |
| Pollution Degree:                                      | 3  |
| Power Loss:  | 2.6 W  |
| Product Main Type:                                     | ZS10-ST-1  |
| Product Name:  | Terminal Block   |
| Product Net Depth:                                     | 52 mm  |
| Product Net Height:                                    | 80.7 mm  |
| Product Net Length:                                    | 52 mm  |
| Product Net Weight:                                    | 27 g   |
| Product Net Width:                                     | 8 mm   |
| Product Packing Type:                                  | Box  |
| RMRS Certificate:                                      | 1SND161008A1101  |
| Rated Cross-Section:                                   | 10 mm <sup>2</sup>   |
| Rated Current (I <sub>n</sub> ):                       | Main Circuit 50 A  |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):   | 8000 V   |
| Rated Short-time Withstand Current (I <sub>cw</sub> ): | for 1 s 1200 A   |
| Rated Voltage (U <sub>r</sub> ):                       | 630 V  |
| Recommended Screw Driver:                              | 3.5 mm   |
| RoHS Date:   | 18 08 2005   |
| RoHS Information:                                      | 1SND230516F0201  |
| RoHS Status:   | Following EU Directive 2002/95/EC August 18, 2005 and amendment  |
| Selling Unit of Measure:                               | piece  |
| Spacing:   | 8 mm   |
| Sub-Function:  | With sliding link  |

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|-------------------------------|---------------------------------------|
| <b>Sub-Function 1:</b>        | With sliding link                     |
| <b>Sub-Function 2:</b>        | With 2 test sockets DIA 4 mm 0.157 in |
| <b>Sub-Function 3:</b>        | With sliding link                     |
| <b>Sub-Function 4:</b>        | With 2 test sockets DIA4              |
| <b>Wire Stripping Length:</b> | 13.0 mm                               |
| <b>cUL Certificate:</b>       | 1SND161041A0210                       |
| <b>Number of Potentials:</b>  | 1                                     |

