

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

## General Information

|                               |                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | DBL125                                                                                                                                                                                                                                                            |
| <b>Product ID:</b>            | 1SNL312510R0000                                                                                                                                                                                                                                                   |
| <b>EAN:</b>                   | 3472599856585                                                                                                                                                                                                                                                     |
| <b>Catalog Description:</b>   | DBL125 Distribution Terminal Blocks                                                                                                                                                                                                                               |
| <b>Long Description:</b>      | — Save installation time with our modular solutions — Ease the installation with plate or rail mounting options on our modular blocks — Easily increase the number of outputs using jumpers — Delivered with 7 white pre-printed markers L1, L2, L3, N, PE, +, –. |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Color:</b>                  | Grey     |
| <b>Minimum Order Quantity:</b> | 1 piece  |
| <b>Customs Tariff Number:</b>  | 85369010 |

## Popular Downloads

|                                           |                 |
|-------------------------------------------|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SNC166013D0201 |
| <b>Instructions and Manuals:</b>          | 1SNC166001B0201 |

## Dimensions

|                                    |         |
|------------------------------------|---------|
| <b>Product Net Width:</b>          | 28.2 mm |
| <b>Product Net Height:</b>         | 75 mm   |
| <b>Product Net Depth / Length:</b> | 50.7 mm |
| <b>Product Net Weight:</b>         | 122 g   |

## Technical

|                                                             |                                                  |
|-------------------------------------------------------------|--------------------------------------------------|
| <b>Rated Cross-Section:</b>                                 | 35 mm <sup>2</sup>                               |
| <b>Spacing:</b>                                             | 28.2 mm                                          |
| <b>Connection Type:</b>                                     | Screw clamp                                      |
| <b>Function:</b>                                            | Feed-through                                     |
| <b>Number of Levels:</b>                                    | 1                                                |
| <b>Connecting Capacity Main Circuit:</b>                    | Screw Clamp / Rigid 1x 10 ... 35 mm <sup>2</sup> |
| <b>Rated Current (I<sub>n</sub>):</b>                       | Main Circuit 125 A                               |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b> | for 1 s 4200 A                                   |
| <b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>   | 8000 V                                           |

|                                 |                                                                                                                |
|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Dielectric Test Voltage:</b> | 2200 V                                                                                                         |
| <b>Pollution Degree:</b>        | 3                                                                                                              |
| <b>Power Loss:</b>              | 4 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>Tightening Torque:</b>       | Main Circuit 3.5 ... 5 N·m                                                                                     |

## Technical UL/CSA

|                                             |                     |
|---------------------------------------------|---------------------|
| <b>Maximum Operating Voltage UL/CSA:</b>    | Main Circuit 1000 V |
| <b>Connecting Capacity UL/CSA:</b>          | Stranded 2 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>RoHS Status:</b>             | Following EU Directive 2002/95/EC August 18, 2005 and amendment |

## Certificates and Declarations (Document Number)

|                                        |                 |
|----------------------------------------|-----------------|
| <b>BV Certificate:</b>                 | 1SND166008A0200 |
| <b>CB Certificate:</b>                 | 1SND166005A0201 |
| <b>CSA Certificate:</b>                | 1SND166007A0201 |
| <b>cUL Certificate:</b>                | 1SND166006A0201 |
| <b>Declaration of Conformity - CE:</b> | 1SND225005U1000 |
| <b>EAC Certificate:</b>                | 1SND161011A1100 |
| <b>Environmental Information:</b>      | 1SND220095E1000 |
| <b>Instructions and Manuals:</b>       | 1SNC166001B0201 |
| <b>RoHS Information:</b>               | 1SND230557F0201 |

## Classifications

|                                    |                                        |
|------------------------------------|----------------------------------------|
| <b>Object Classification Code:</b> | X                                      |
| <b>ETIM 4:</b>                     | EC000276 - Distribution terminal block |
| <b>ETIM 5:</b>                     | EC000276 - Distribution terminal block |
| <b>ETIM 6:</b>                     | EC000276 - Distribution terminal block |

## Container Information

|                               |         |
|-------------------------------|---------|
| <b>Package Level 1 Units:</b> | 1 piece |
|-------------------------------|---------|

|                                        |               |
|----------------------------------------|---------------|
| <b>Package Level 1 Width:</b>          | 57 mm         |
| <b>Package Level 1 Depth / Length:</b> | 95 mm         |
| <b>Package Level 1 Height:</b>         | 37 mm         |
| <b>Package Level 1 Gross Weight:</b>   | 0.14 kg       |
| <b>Package Level 1 EAN:</b>            | 3472599856585 |
| <b>Package Level 2 Units:</b>          | 75 piece      |
| <b>Package Level 2 Width:</b>          | 230 mm        |
| <b>Package Level 2 Depth / Length:</b> | 380 mm        |
| <b>Package Level 2 Height:</b>         | 310 mm        |
| <b>Package Level 2 Gross Weight:</b>   | 10.5 kg       |
| <b>Product Packing Type:</b>           | Box           |

