

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

## General Information

|                               |                                                                                                                                                       |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extended Product Type:</b> | D2.5/6.DA.N                                                                                                                                           |
| <b>Product ID:</b>            | 1SNA125541R1300                                                                                                                                       |
| <b>EAN:</b>                   | 3472591255416                                                                                                                                         |
| <b>Catalog Description:</b>   | D2.5/6.DA.N Screw Clamp Terminal Blocks - Triple deck - Blue                                                                                          |
| <b>Long Description:</b>      | - Save space with triple deck terminal blocks: 3 independent circuits connected in just 6 mm 0.236 in spacing, - Adapted for 3 wires sensor/actuator. |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Color:</b>                  | Blue     |
| <b>Minimum Order Quantity:</b> | 25 piece |
| <b>Customs Tariff Number:</b>  | 85369010 |

## Popular Downloads

|                                           |                                  |
|-------------------------------------------|----------------------------------|
| <b>Data Sheet, Technical Information:</b> | 1SNC160001C0207-CH-A screw clamp |
| <b>Instructions and Manuals:</b>          | 1SNC160001C0207-CH-A screw clamp |

## Dimensions

|                                    |         |
|------------------------------------|---------|
| <b>Product Net Width:</b>          | 6 mm    |
| <b>Product Net Height:</b>         | 81 mm   |
| <b>Product Net Depth / Length:</b> | 43.5 mm |
| <b>Product Net Weight:</b>         | 13 g    |

## Technical

|                                                             |                                                                                                              |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Rated Cross-Section:</b>                                 | 2.5 mm <sup>2</sup>                                                                                          |
| <b>Spacing:</b>                                             | 6 mm                                                                                                         |
| <b>Connection Type:</b>                                     | Screw clamp                                                                                                  |
| <b>Function:</b>                                            | Feed-through                                                                                                 |
| <b>Number of Levels:</b>                                    | 3                                                                                                            |
| <b>Connecting Capacity Main Circuit:</b>                    | Screw Clamp / Flexible 1x 0.22 ... 2.5 mm <sup>2</sup><br>Screw Clamp / Rigid 1x 0.2 ... 2.5 mm <sup>2</sup> |
| <b>Gauge Type:</b>                                          | A2                                                                                                           |
| <b>Rated Current (I<sub>n</sub>):</b>                       | Main Circuit 22 A                                                                                            |
| <b>Rated Short-time Withstand Current (I<sub>cw</sub>):</b> | for 1 s 300 A                                                                                                |
| <b>Rated Voltage (U<sub>r</sub>):</b>                       | 380 V                                                                                                        |

|                                  |                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>     | G32 (32 x 15 mm Mounting Rail) acc. to IEC 60715<br>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>    | 6.0 mm                                                                                                                                                             |
| <b>Recommended Screw Driver:</b> | 3.5 mm                                                                                                                                                             |
| <b>Tightening Torque:</b>        | acc. IEC 60947-1 0.4 N·m<br>Manufacturer 0.6 N·m                                                                                                                   |

## Technical UL/CSA

|                                                 |                                      |
|-------------------------------------------------|--------------------------------------|
| <b>Maximum Operating Voltage UL/CSA:</b>        | Main Circuit 300 V                   |
| <b>Connecting Capacity Main Circuit UL/CSA:</b> | Screw Clamp / Rigid 1x 20 ... 12 AWG |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 12 AWG                      |
| <b>Flammability According to UL94:</b>          | V0                                   |

## 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>CSA Certificate:</b>                | 1SND161055A0200                  |
| <b>cUL Certificate:</b>                | 1SND161008A0201                  |
| <b>Declaration of Conformity - CE:</b> | 1SND225026U1000                  |
| <b>EAC Certificate:</b>                | 1SND161009A1100                  |
| <b>Environmental Information:</b>      | 1SND220020E1002                  |
| <b>Instructions and Manuals:</b>       | 1SNC160001C0207-CH-A screw clamp |
| <b>RMRS Certificate:</b>               | 1SND161007A1101                  |
| <b>RoHS Information:</b>               | 1SND230023F0208                  |

## Classifications

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

## Container Information

|                               |          |
|-------------------------------|----------|
| <b>Package Level 1 Units:</b> | 25 piece |
|-------------------------------|----------|

|                                        |               |
|----------------------------------------|---------------|
| <b>Package Level 1 Width:</b>          | 81 mm         |
| <b>Package Level 1 Depth / Length:</b> | 200 mm        |
| <b>Package Level 1 Height:</b>         | 53 mm         |
| <b>Package Level 1 Gross Weight:</b>   | 0.325 kg      |
| <b>Package Level 1 EAN:</b>            | 3472591255416 |
| <b>Package Level 2 Units:</b>          | 300 piece     |
| <b>Package Level 3 Units:</b>          | 14400 piece   |
| <b>Product Packing Type:</b>           | Box           |

