

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | D4/6.ADO  |
| <b>Product ID:</b>            | 1SNA199035R1600   |
| <b>EAN:</b>                   | 3472591990355   |
| <b>Catalog Description:</b>   | D4/6.ADO IDC Terminal Blocks - Feed-through ADO - screw clamp - Orange  |
| <b>Long Description:</b>      | - With the ABB ADO System®, experience the fastest and most reliable connection on the market, - This solution brings all the benefits of the ADO System® and allows installators to connect on standard screw clamp, - Up to 2 wires per connection in the ADO System® connection. |

## Ordering

|                                |          |
|--------------------------------|----------|
| <b>Color:</b>                  | Orange   |
| <b>Minimum Order Quantity:</b> | 50 piece |
| <b>Customs Tariff Number:</b>  | 85369010 |

## Popular Downloads

|   |                 |
|---|-----------------|
| <b>Data Sheet, Technical Information:</b> | 1SNC160020C0201 |
| <b>Instructions and Manuals:</b>          | 1SNC160020C0201 |

## Dimensions

|                                    |       |
|------------------------------------|-------|
| <b>Product Net Width:</b>          | 6 mm  |
| <b>Product Net Height:</b>         | 45 mm |
| <b>Product Net Depth / Length:</b> | 41 mm |
| <b>Product Net Weight:</b>         | 7 g   |

## Technical

|  |  |
|--|--|
| <b>Rated Cross-Section:</b>              | 1.5 mm <sup>2</sup>  |
| <b>Spacing:</b>                          | 6 mm   |
| <b>Connection Type:</b>                  | Screw clamp - ADO System   |
| <b>Function:</b>                         | Feed-through   |
| <b>Number of Levels:</b>                 | 1  |
| <b>Connecting Capacity Main Circuit:</b> | Screw Clamp / Flexible 1x 0.22 ... 4 mm <sup>2</sup><br>Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup> |
| <b>Gauge Type:</b>                       | A4   |
| <b>Rated Current (I<sub>n</sub>):</b>    | Main Circuit 17.5 A  |

|  |  |
|--|--|
| <b>Rated Short-time Withstand Current (<math>I_{cw}</math>):</b> | for 1 s 180 A  |
| <b>Rated Voltage (<math>U_r</math>):</b>                         | 1000 V   |
| <b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>   | 8000 V   |
| <b>Dielectric Test Voltage:</b>                                  | 3500 V   |
| <b>Pollution Degree:</b>   | 3  |
| <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>Wire Stripping Length:</b>                                    | 9.5 mm   |
| <b>Recommended Screw Driver:</b>                                 | 4 mm   |
| <b>Tightening Torque:</b>  | acc. IEC 60947-1 0.5 N·m<br>Manufacturer 0.8 N·m   |

## Technical UL/CSA

|   |  |
|---|--|
| <b>Maximum Operating Voltage UL/CSA:</b>        | Main Circuit 600 V   |
| <b>Connecting Capacity Main Circuit UL/CSA:</b> | Screw Clamp / Flexible 1x 22 ... 10 AWG<br>Screw Clamp / Flexible 2x 22 ... 14 AWG<br>Screw Clamp / Rigid 1x 22 ... 10 AWG<br>Screw Clamp / Rigid 2x 22 ... 14 AWG |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 16 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>cUL Certificate:</b>                | 1SND163005A0200 |
| <b>Declaration of Conformity - CE:</b> | 1SND225025U1000 |
| <b>EAC Certificate:</b>                | 1SND162001A1100 |
| <b>Environmental Information:</b>      | 1SND220024E1003 |
| <b>Instructions and Manuals:</b>       | 1SNC160020C0201 |
| <b>RMRS Certificate:</b>               | 1SND163000A1101 |
| <b>RoHS Information:</b>               | 1SND230472F0201 |

## 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>          | 50 piece      |
| <b>Package Level 1 Width:</b>          | 61 mm         |
| <b>Package Level 1 Depth / Length:</b> | 220 mm        |
| <b>Package Level 1 Height:</b>         | 47 mm         |
| <b>Package Level 1 Gross Weight:</b>   | 0.35 kg       |
| <b>Package Level 1 EAN:</b>            | 3472591990355 |
| <b>Package Level 2 Units:</b>          | 1000 piece    |
| <b>Package Level 2 Width:</b>          | 300 mm        |
| <b>Package Level 2 Depth / Length:</b> | 500 mm        |
| <b>Package Level 2 Height:</b>         | 150 mm        |
| <b>Package Level 2 Gross Weight:</b>   | 7.35 kg       |
| <b>Package Level 3 Units:</b>          | 48000 piece   |
| <b>Product Packing Type:</b>           | Box           |

