

## General Information

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type: | DB2.5/5.ADO                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product ID:            | 1SNA399519R0000                                                                                                                                                                                                                                                                                                                                                                                                                      |
| EAN:                   | 3472593995198                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Catalog Description:   | DB2.5/5.ADO IDC Terminal Blocks - Miniblocks ADO - screw clamp - Grey                                                                                                                                                                                                                                                                                                                                                                |
| Long Description:      | - The mini blocks are particularly designed for applications where space is very restricted, - 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, - Easy base mounting thanks to the usage of flanges, - Up to 2 wires per connection in the ADO System; connection. |

## Categories

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

## Ordering

|                         |           |
|-------------------------|-----------|
| Color:                  | Grey      |
| Minimum Order Quantity: | 100 piece |
| Customs Tariff Number:  | 85369010  |

## Popular Downloads

|                                    |                 |
|------------------------------------|-----------------|
| Data Sheet, Technical Information: | 1SNC160020C0201 |
| Instructions and Manuals:          | 1SNC160020C0201 |

## Dimensions

|                     |       |
|---------------------|-------|
| Product Net Width:  | 5 mm  |
| Product Net Height: | 31 mm |
| Product Net Depth:  | 28 mm |
| Product Net Weight: | 4 g   |

## Technical

|                                                        |                                                                                                                |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Rated Cross-Section:                                   | 1 mm <sup>2</sup> ;                                                                                            |
| Spacing:                                               | 5 mm                                                                                                           |
| Connection Type:                                       | Screw clamp - ADO System                                                                                       |
| Function:                                              | Miniblock                                                                                                      |
| Number of Levels:                                      | 1                                                                                                              |
| Connecting Capacity Main Circuit:                      | Screw Clamp / Flexible 1x 0.22 ... 2.5 mm <sup>2</sup> ;<br>Screw Clamp / Rigid 1x 0.2 ... 4 mm <sup>2</sup> ; |
| Gauge Type:                                            | A3                                                                                                             |
| Rated Current (I <sub>n</sub> ):                       | Main Circuit 13.5 A                                                                                            |
| Rated Short-time Withstand Current (I <sub>cw</sub> ): | for 1 s 120 A                                                                                                  |
| Rated Voltage (U <sub>r</sub> ):                       | 800 V                                                                                                          |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):   | 8000 V                                                                                                         |
| Pollution Degree:                                      | 3                                                                                                              |
| Degree of Protection:                                  | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20                                                   |
| Insulation Material:                                   | Polyamide                                                                                                      |
| Wire Stripping Length:                                 | 9.5 mm                                                                                                         |
| Recommended Screw Driver:                              | 3.5 mm                                                                                                         |
| Tightening Torque:                                     | acc. IEC 60947-1 0.4 N·m;<br>Manufacturer 0.6 N·m                                                              |

## Technical UL/CSA

|                                          |                                                                                 |
|------------------------------------------|---------------------------------------------------------------------------------|
| Maximum Operating Voltage UL/CSA:        | Main Circuit 600 V                                                              |
| Connecting Capacity Main Circuit UL/CSA: | Screw Clamp / Flexible 1x 24 ... 12 AWG<br>Screw Clamp / Rigid 1x 24 ... 12 AWG |
| Connecting Capacity UL/CSA:              | Stranded 18 AWG                                                                 |
| Flammability According to UL94:          | V0                                                                              |

## Environmental

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| Ambient Air Temperature: | 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>Declaration of Conformity - CE:</b> | 1SND225025U1000 |
| <b>EAC Certificate:</b>                | 1SND161009A1100 |
| <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>        | 100 piece     |
| <b>Package Level 1 Width:</b>        | 135 mm        |
| <b>Package Level 1 Length:</b>       | 175 mm        |
| <b>Package Level 1 Height:</b>       | 74 mm         |
| <b>Package Level 1 Gross Weight:</b> | 0.4 kg        |
| <b>Package Level 1 EAN:</b>          | 3472593995198 |
| <b>Package Level 2 Units:</b>        | 1600 piece    |
| <b>Package Level 2 Width:</b>        | 300 mm        |
| <b>Package Level 2 Length:</b>       | 500 mm        |
| <b>Package Level 2 Height:</b>       | 300 mm        |
| <b>Package Level 2 Gross Weight:</b> | 6.9 kg        |
| <b>Package Level 3 Units:</b>        | 38400 piece   |
| <b>Product Packing Type:</b>         | Box           |

