

## General Information

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| <b>Extended Product Type:</b> | M4/6.RS                                                                                                                                                                                                                  |
| <b>Product ID:</b>            | 1SNA115930R1300                                                                                                                                                                                                          |
| <b>EAN:</b>                   | 3472591159301                                                                                                                                                                                                            |
| <b>Catalog Description:</b>   | M4/6.RS Spring Loaded Screw Clamp Terminal Blocks - Feed-through - Grey                                                                                                                                                  |
| <b>Long Description:</b>      | - Mainly dedicated to energy applications based on BS TS5018 standard, - Security: specific shape in linking bar to lock the hook type ferrule, spring clamp can maintain contact pressure even if screw clamp is loose. |

## Additional Information

|                                           |                                                                                                                                                                    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>Color:</b>                             | Grey                                                                                                                                                               |
| <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>Connection Type:</b>                   | Safety screw clamp                                                                                                                                                 |
| <b>Country of Origin:</b>                 | France (FR)                                                                                                                                                        |
| <b>Customs Tariff Number:</b>             | 85369010                                                                                                                                                           |
| <b>Data Sheet, Technical Information:</b> | 1SNC160020C0201                                                                                                                                                    |
| <b>Declaration of Conformity - CE:</b>    | 1SND225039U1000                                                                                                                                                    |
| <b>Degree of Protection:</b>              | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20                                                                                                       |
| <b>EAC Certificate:</b>                   | 1SND161009A1100                                                                                                                                                    |
| <b>EAN:</b>                               | 3472591159301                                                                                                                                                      |
| <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                                                                                                                             |
| <b>Environmental Information:</b>         | 1SND220023E1002                                                                                                                                                    |
| <b>Flammability According to UL94:</b>    | V0                                                                                                                                                                 |
| <b>Function:</b>                          | Feed-through                                                                                                                                                       |
| <b>Gauge Type:</b>                        | A3                                                                                                                                                                 |
| <b>Gauge(s) of Form:</b>                  | A3                                                                                                                                                                 |
| <b>IIT Publishing Status:</b>             | Level 0 - Information enabled                                                                                                                                      |
| <b>Industrial IT Certification Level:</b> | 0                                                                                                                                                                  |
| <b>Instructions and Manuals:</b>          | 1SNC160020C0201                                                                                                                                                    |
| <b>Insulation Material:</b>               | Polyamide                                                                                                                                                          |
| <b>Invoice Description:</b>               | M4/6.RS Spring Loaded Screw Clamp Terminal Blocks - Feed-through - Grey                                                                                            |
| <b>Minimum Order Quantity:</b>            | 50 piece                                                                                                                                                           |
| <b>Mounting Type:</b>                     | Each wire clamp holds up to 2 bent lugs as shown (not supplied)                                                                                                    |
| <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>Number of Connections:</b>             | 2                                                                                                                                                                  |
| <b>Number of Levels:</b>                  | 1                                                                                                                                                                  |
| <b>Object Classification Code:</b>        | X                                                                                                                                                                  |
| <b>Order Multiple:</b>                    | 50 piece                                                                                                                                                           |

|                                                        |                                                                                                             |
|--------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Package Level 1 EAN:                                   | 3472591159301                                                                                               |
| Package Level 1 Gross Weight:                          | 0.55 kg                                                                                                     |
| Package Level 1 Height:                                | 60 mm                                                                                                       |
| Package Level 1 Length:                                | 208 mm                                                                                                      |
| Package Level 1 Units:                                 | 50 piece                                                                                                    |
| Package Level 1 Width:                                 | 80 mm                                                                                                       |
| Package Level 2 Height:                                | 300 mm                                                                                                      |
| Package Level 2 Length:                                | 500 mm                                                                                                      |
| Package Level 2 Units:                                 | 1300 piece                                                                                                  |
| Package Level 2 Width:                                 | 300 mm                                                                                                      |
| Package Level 3 Units:                                 | 31200 piece                                                                                                 |
| Pollution Degree:                                      | 3                                                                                                           |
| Power Loss:                                            | 1 W                                                                                                         |
| Product Main Type:                                     | M4/6.RS                                                                                                     |
| Product Name:                                          | Terminal block                                                                                              |
| Product Net Depth:                                     | 48.5 mm                                                                                                     |
| Product Net Height:                                    | 50 mm                                                                                                       |
| Product Net Weight:                                    | 11 g                                                                                                        |
| Product Net Width:                                     | 6 mm                                                                                                        |
| Product Packing Type:                                  | Box                                                                                                         |
| RMRS Certificate:                                      | 1SND161007A1101                                                                                             |
| Rated Cross-Section:                                   | 4 mm <sup>2</sup>                                                                                           |
| Rated Current (I <sub>n</sub> ):                       | Main Circuit 32 A                                                                                           |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):   | 8000 V                                                                                                      |
| Rated Short-time Withstand Current (I <sub>cw</sub> ): | for 1 s 480 A                                                                                               |
| Rated Voltage (U <sub>r</sub> ):                       | 1000 V                                                                                                      |
| Recommended Screw Driver:                              | 4 mm                                                                                                        |
| RoHS Date:                                             | 20050518                                                                                                    |
| RoHS Information:                                      | 1SND230023F0208                                                                                             |
| RoHS Status:                                           | Following EU Directive 2002/95/EC August 18, 2005 and amendment                                             |
| Selling Unit of Measure:                               | piece                                                                                                       |
| Short Description:                                     | grey Screw Clamp Terminal Blocks M4/6.RS compression clamp terminal for bare wire or equipped with bent lug |
| Spacing:                                               | 6 mm                                                                                                        |
| Sub-Function:                                          | Feed-through                                                                                                |
| Sub-Function 3:                                        | Spring-loaded                                                                                               |
| Sub-Function 4:                                        | Spring-loaded                                                                                               |
| Tightening Torque:                                     | acc. IEC 60947-1 0.5 N·m<br>Manufacturer 0.8 N·m                                                            |
| Wire Stripping Length:                                 | 13.0 mm                                                                                                     |
| Number of Potentials:                                  | 1                                                                                                           |

