

## General Information

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|-------------------------------|---|
| <b>Extended Product Type:</b> | M6/8  |
| <b>Product ID:</b>            | 1SNA105118R2000   |
| <b>EAN:</b>                   | 3472591051186   |
| <b>Catalog Description:</b>   | M6/8 Screw Clamp Terminal Blocks - Feed-through - Yellow  |
| <b>Long Description:</b>      | - Flexibility: snap onto symmetrical and asymmetrical rails, - Many colors are available in addition to our generic grey to help you quickly identify any specific functions. |

## Additional Information

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|---|---|
| <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>CSA Certificate:</b>                         | 1SND161039A0201   |
| <b>Color:</b>                                   | Yellow  |
| <b>Connecting Capacity Main Circuit UL/CSA:</b> | Screw Clamp / Flexible 1x 22 ... 8 AWG<br>Screw Clamp / Rigid 1x 22 ... 8 AWG   |
| <b>Connecting Capacity UL/CSA:</b>              | Stranded 8 AWG  |
| <b>Connecting Capacity Main Circuit:</b>        | Screw Clamp / Flexible 1x 0.5 ... 6 mm <sup>2</sup><br>Screw Clamp / Rigid 1x 0.5 ... 10 mm <sup>2</sup><br>Screw Clamp / With Insulated Ferrule 1x 6 mm <sup>2</sup> |
| <b>Connection Type:</b>                         | Screw clamp   |
| <b>Country of Origin:</b>                       | France (FR)   |
| <b>Customs Tariff Number:</b>                   | 85369010  |
| <b>Data Sheet, Technical Information:</b>       | 1SNC160019C0202   |
| <b>Declaration of Conformity - CE:</b>          | 1SND225014U1000   |
| <b>Degree of Protection:</b>                    | acc. to IEC 60529, IEC 60947-1, EN 60529 Main Terminals IP20  |
| <b>Dielectric Test Voltage:</b>                 | 2000 V  |
| <b>EAC Certificate:</b>                         | 1SND161009A1100   |
| <b>EAN:</b>                                     | 3472591051186   |
| <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>               | 1SND220001E1002   |
| <b>Flammability According to UL94:</b>          | V0  |
| <b>Function:</b>                                | Feed-through  |
| <b>Gauge Type:</b>                              | A5  |
| <b>IIT Publishing Status:</b>                   | Level 0 - Information enabled   |
| <b>Industrial IT Certification Level:</b>       | 0   |
| <b>Instructions and Manuals:</b>                | 1SNC160019C0202   |
| <b>Insulation Material:</b>                     | Polyamide   |
| <b>Invoice Description:</b>                     | M6/8 Screw Clamp Terminal Blocks - Feed-through - Yellow  |
| <b>Maximum Operating Voltage UL/CSA:</b>        | Main Circuit 600 V  |
| <b>Minimum Order Quantity:</b>                  | 50 piece  |
| <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   |

|  |   |
|--|---|
| Number of Connections:                                 | 2   |
| Number of Levels:                                      | 1   |
| Object Classification Code:                            | X   |
| Order Multiple:  | 50 piece  |
| Package Level 1 EAN:                                   | 3472591051186   |
| Package Level 1 Gross Weight:                          | 0.64 kg   |
| Package Level 1 Height:                                | 47 mm   |
| Package Level 1 Length:                                | 220 mm  |
| Package Level 1 Units:                                 | 50 piece  |
| Package Level 1 Width:                                 | 81 mm   |
| Package Level 2 Gross Weight:                          | 20.000 kg   |
| Package Level 2 Height:                                | 300 mm  |
| Package Level 2 Length:                                | 500 mm  |
| Package Level 2 Units:                                 | 1500 piece  |
| Package Level 2 Width:                                 | 300 mm  |
| Package Level 3 Units:                                 | 36000 piece   |
| Pollution Degree:                                      | 3   |
| Product Main Type:                                     | M6/8  |
| Product Name:  | Terminal block  |
| Product Net Depth:                                     | 40.5 mm   |
| Product Net Height:                                    | 44.5 mm   |
| Product Net Length:                                    | 40.5 mm   |
| Product Net Weight:                                    | 12.8 g  |
| Product Net Width:                                     | 8 mm  |
| Product Packing Type:                                  | Box   |
| RMRS Certificate:                                      | 1SND161007A1101   |
| Rated Cross-Section:                                   | 6 mm <sup>2</sup>   |
| Rated Current (I <sub>n</sub> ):                       | Main Circuit 41 A   |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ):   | 8000 V  |
| Rated Short-time Withstand Current (I <sub>cw</sub> ): | for 1 s 720 A   |
| Rated Voltage (U <sub>r</sub> ):                       | 1000 V  |
| Recommended Screw Driver:                              | 4.5 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:                                     | yellow Screw Clamp Terminal Blocks M6/8                         |
| Spacing:   | 8 mm  |
| Sub-Function:  | 2 connections   |
| Sub-Function 3:  | 2 connections   |
| Tightening Torque:                                     | acc. IEC 60947-1 0.8 N·m<br>Manufacturer 1 N·m                  |
| Wire Stripping Length:                                 | 12.0 mm   |
| cUL Certificate:                                       | 1SND161001A0209   |
| Number of Potentials:                                  | 1   |

