

# HD120/30.F10.31.1



Products Low Voltage Products and Systems Connection Devices Terminal Blocks Railway Terminal Blocks

## General Information

|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | HD120/30.F10.31.1   |
| <b>Product ID:</b>            | 1SNA295403R2500   |
| <b>EAN:</b>                   | 3472592954035   |
| <b>Catalog Description:</b>   | HD120/30.F8.31.1 - Stud terminal blocks - 1 stud M10 - Beige  |
| <b>Long Description:</b>      | - 1 stud terminal M10 x 31.5 mm 1.24 in, - Equipment: 1 bottom nut + 2 washers + 1 spring washer + 1 top nut. |

## 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>Color:</b>                             | Beige  |
| <b>Connecting Capacity UL/CSA:</b>        | Stranded 300 AWG   |
| <b>Connecting Capacity Main Circuit:</b>  | Stud / Flexible 1x6 ... 120 mm <sup>2</sup>  |
| <b>Connection Type:</b>                   | Stud   |
| <b>Country of Origin:</b>                 | France (FR)  |
| <b>Customs Tariff Number:</b>             | 85369010   |
| <b>Data Sheet, Technical Information:</b> | 1SNC160001C0205_CHD3   |
| <b>Declaration of Conformity - CE:</b>    | 1SND225049U1000  |
| <b>EAC Certificate:</b>                   | 1SND161009A1100  |
| <b>EAN:</b>                               | 3472592954035  |
| <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>         | 1SND220039E1002  |
| <b>Flammability According to UL94:</b>    | V0   |
| <b>Function:</b>                          | Feed-through   |
| <b>IIT Publishing Status:</b>             | Level 0 - Information enabled  |
| <b>Industrial IT Certification Level:</b> | 0  |
| <b>Instructions and Manuals:</b>          | 1SNC160001C0205_CHD3   |
| <b>Insulation Material:</b>               | Polyamide  |
| <b>Invoice Description:</b>               | HD120/30.F8.31.1 - Stud terminal blocks - 1 stud M10 - Beige   |
| <b>Minimum Order Quantity:</b>            | 10 piece   |
| <b>Mounting Type:</b>                     | The use of a jumper bar requires to use a spacer instead of a circuit separator.   |
| <b>Mounting on DIN Rail:</b>              | Type 2 (21.8 x 8.2 mm Mounting Rail) acc. to NFC 93461<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>             | 1  |
| <b>Number of Levels:</b>                  | 1  |
| <b>Object Classification Code:</b>        | X  |
| <b>Order Multiple:</b>                    | 10 piece   |
| <b>Package Level 1 EAN:</b>               | 3472592954035  |
| <b>Package Level 1 Gross Weight:</b>      | 0.6 kg   |
| <b>Package Level 1 Height:</b>            | 5 mm   |
| <b>Package Level 1 Length:</b>            | 200 mm   |

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| Package Level 1 Units:                                 | 10 piece   |
| Package Level 1 Width:                                 | 155 mm   |
| Package Level 2 Height:                                | 150 mm   |
| Package Level 2 Length:                                | 500 mm   |
| Package Level 2 Units:                                 | 100 piece  |
| Package Level 2 Width:                                 | 300 mm   |
| Package Level 3 Units:                                 | 4800 piece   |
| Product Main Type:                                     | HD120/30.F10   |
| Product Name:  | Terminal Block   |
| Product Net Depth:                                     | 53.5 mm  |
| Product Net Height:                                    | 50 mm  |
| Product Net Weight:                                    | 60 g   |
| Product Net Width:                                     | 30 mm  |
| Product Packing Type:                                  | Bag  |
| Rated Cross-Section:                                   | 120 mm <sup>2</sup>  |
| Rated Current (I <sub>n</sub> ):                       | Main Circuit 269 A   |
| Rated Insulation Voltage (U <sub>i</sub> ):            | AC 750 V<br>DC 750 V   |
| Rated Short-time Withstand Current (I <sub>cw</sub> ): | for 1 s 14400 A  |
| Rated Voltage (U <sub>r</sub> ):                       | 750 V  |
| RoHS Information:                                      | 1SND230014F0201  |
| Selling Unit of Measure:                               | piece  |
| Short Description:                                     | beige Railway Terminal Blocks HD120/30.F10.31.1 1 stud terminal M10 x 31,5 mm (1.24") - E<br>equipment : 1 bottom nut + 2 washers + with 1 spring washer + 1 top nut |
| Spacing:   | 30 mm  |
| Sub-Function:  | 1 stud M10   |
| Tightening Torque:                                     | acc. IEC 60947-1 10 N·m  |
| Number of Potentials:                                  | 1  |

