

## M4/6

ABB contact for United  
States of America



### General Information

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|                               |   |
|-------------------------------|---|
| <b>Extended Product Type:</b> | M4/6  |
| <b>Product ID:</b>            | 1SNA105002R2000   |
| <b>EAN:</b>                   | 3472591050028   |
| <b>Catalog Description:</b>   | M4/6 Screw Clamp Terminal Blocks - Feed-through - Orange  |
| <b>Long Description:</b>      | M4/6 Screw Clamp Terminal Blocks - Feed-through - Orange,4mm <sup>2</sup><br>RatedCrossSection, 6mm Spacing G32, TH 35-7.5, TH 35-15 Rail |

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### Categories

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Products » Low Voltage Products and Systems » Connection Devices » Terminal Blocks » Screw Clamp Terminal Blocks

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### Ordering

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|--------------------------------|---------------|
| <b>EAN:</b>                    | 3472591050028 |
| <b>Minimum Order Quantity:</b> | 50 piece      |
| <b>Customs Tariff Number:</b>  | 85369010      |

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### Dimensions

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|                            |         |
|----------------------------|---------|
| <b>Product Net Width:</b>  | 6.0 mm  |
| <b>Product Net Height:</b> | 44.5 mm |
| <b>Product Net Length:</b> | 40.5 mm |
| <b>Product Net Depth:</b>  | 40.5 mm |
| <b>Product Net Weight:</b> | 8.2 g   |

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### Container Information

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|                                      |               |
|--------------------------------------|---------------|
| <b>Package Level 1 Units:</b>        | 50 piece      |
| <b>Package Level 1 Width:</b>        | 61 mm         |
| <b>Package Level 1 Height:</b>       | 47 mm         |
| <b>Package Level 1 Length:</b>       | 220 mm        |
| <b>Package Level 1 Gross Weight:</b> | 0.41000 kg    |
| <b>Package Level 1 EAN:</b>          | 3472591050028 |
| <b>Package Level 2 Units:</b>        | 2000 piece    |
| <b>Package Level 2 Width:</b>        | 300 mm        |
| <b>Package Level 2 Height:</b>       | 300 mm        |
| <b>Package Level 2 Length:</b>       | 500 mm        |
| <b>Package Level 2 Gross Weight:</b> | 18.100 kg     |
| <b>Package Level 3 Units:</b>        | 48000 piece   |
| <b>Product Packing Type:</b>         | Box           |

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### Environmental

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|---------------------------------|---|
| <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 |

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### Technical UL/CSA

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**Maximum Operating Voltage UL/CSA:** Main Circuit 600 V  
Screw Clamp / Flexible 1x 22 ... 10 AWG

|   |   |
|---|---|
| <b>Connecting Capacity-Main Circuit<br/>UL/CSA:</b> | Screw Clamp / Rigid 1x 22 ... 10 AWG<br>Screw Clamp / Rigid 2x 14 AWG |
| <b>Flammability According to UL94:</b>              | V0  |

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### Additional Information

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|---|---|
| <b>Ambient Temperature:</b>                                     | -5 ... +40 °C   |
| <b>Color:</b>   | Orange  |
| <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><br>Screw Clamp / With Insulated Ferrule 1x 2.5 mm <sup>2</sup> |
| <b>Connection Type:</b>   | Screw clamp   |
| <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>Function:</b>  | Feed-through  |
| <b>Gauge Type:</b>  | A4  |
| <b>IIT Publishing Status:</b>                                   | Level 0 - Information enabled   |
| <b>Insulation Material:</b>                                     | Polyamide   |
| <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 Levels:</b>  | 1   |
| <b>Pollution Degree:</b>  | 3   |
| <b>Power Loss:</b>  | 1.0 W   |
| <b>Product Main Type:</b>                                       | M4/6  |
| <b>Product Name:</b>  | Terminal block  |
| <b>Rated Cross-Section:</b>                                     | 4 mm <sup>2</sup>   |
| <b>Rated Current (I<sub>n</sub>):</b>                           | Main Circuit 32 A   |
| <b>Rated Impulse Withstand Voltage<br/>(U<sub>imp</sub>):</b>   | 8000 V  |
| <b>Rated Short-time Withstand Current<br/>(I<sub>cw</sub>):</b> | for 1.0s 480 A  |
| <b>Rated Voltage (U<sub>r</sub>):</b>                           | 1000 V  |
| <b>Recommended Screw Driver:</b>                                | 4 mm  |
| <b>RoHS Date:</b>   | 20050818  |
| <b>Spacing:</b>   | 6 mm  |
| <b>Sub-Function:</b>  | 2 connections   |
| <b>Wire Stripping Length:</b>                                   | 9.5 mm  |

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### Certificates and Declarations (Document Number)

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|--|-----------------|
| <b>CSA Certificate:</b>                | 1SND161039A0201 |
| <b>cUL Certificate:</b>                | 1SND161001A0208 |
| <b>Declaration of Conformity - CE:</b> | 1SND225001C1009 |
| <b>GOST Certificate:</b>               | 1SND161005A1104 |
| <b>RoHS Information:</b>               | 1SND230023F0206 |

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### Classifications

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| <b>ETIM 4.0:</b>                   | EC000897 - Feed-through terminal block |
| <b>ETIM 5.0:</b>                   | EC000897 - Feed-through terminal block |
| <b>Object Classification Code:</b> | X                                      |

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