

Part number

# CX 01B 30M



Male modular insert, Mixo series, crimp connection, 1 pole, 2 modules, 300 A 1000 V 8 kV 3 - 1300 V DC

#### Product description

|                        |  |
|------------------------|--|
| <b>Product type</b>    | Modular insert                             |
| <b>Series</b>          | Mixo                                       |
| <b>Connection type</b> | Crimp connection                           |
| <b>Gender</b>          | Male                                       |
| <b>N. of poles</b>     | 1 pole                                     |
| <b>Size</b>            | 2 modules                                  |
| <b>Specification</b>   | For C30 contacts (95-120 mm <sup>2</sup> ) |

#### Technical data

|  |  |
|--|--|
| <b>Current</b>                           | 300 A  |
| <b>Voltage</b>                           | 1000 V   |
| <b>Rated impulse withstand voltage</b>   | 8 kV   |
| <b>Pollution degree</b>                  | 3  |
| <b>Rated voltage according to UL/CSA</b> | 600 V  |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

#### Further technical details

|   |   |
|---|---|
| <b>Characteristics according to EN 61984</b>  | 300 A 1000 V 8 kV 3 - 1300 V DC   300 A 920/1600 8 kV 2 |
| <b>Mating cycles</b>                          | ≥ 500   |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ   |
| <b>Contact resistance</b>                     | ≤ 0,2 mΩ  |
| <b>Weight</b>                                 | 24,50 g   |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                                      |
| <b>UL 94 flammability rating</b>              | V-0   |

#### Material properties

|                              |               |
|------------------------------|---------------|
| <b>Main material</b>         | Polycarbonate |
| <b>Colour</b>                | RAL 7032 grey |
| <b>RoHs conformity</b>       | Compliant     |
| <b>China RoHs - EFUP</b>     | E             |
| <b>REACH SVHC substances</b> | No            |

#### General ordering information

|                   |               |
|-------------------|---------------|
| <b>EAN13 code</b> | 8015747289832 |
| <b>eCl@ss 8.1</b> | 27440205      |
| <b>ETIM 7.0</b>   | EC000438      |

#### Packaging Information

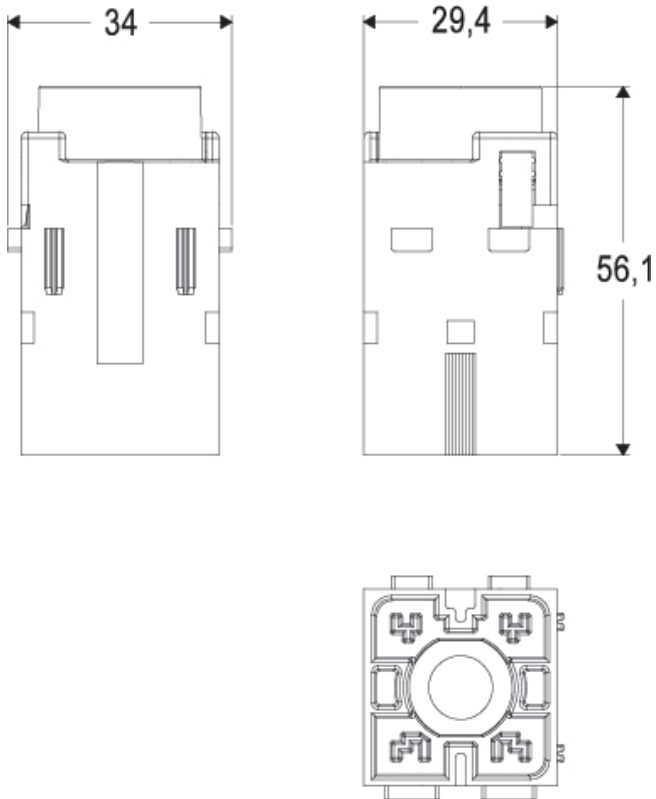
|                                  |                      |
|----------------------------------|----------------------|
| <b>Packaging weight</b>          | 0,17 kg              |
| <b>Packaging volume</b>          | 1,24 dm <sup>3</sup> |
| <b>Packaging description</b>     | Carton box           |
| <b>Packaging quantity</b>        | 5 Pcs                |
| <b>Packaging EAN code</b>        | 8015747289986        |
| <b>Sub-packaging length</b>      | 112,00 mm            |
| <b>Sub-packaging height</b>      | 95,00 mm             |
| <b>Sub-packaging width</b>       | 117,00 mm            |
| <b>Sub-packaging weight</b>      | 0,03 kg              |
| <b>Sub-packaging volume</b>      | 1,24 dm <sup>3</sup> |
| <b>Sub-packaging description</b> | Plastic bag          |
| <b>Sub-packaging quantity</b>    | 1 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747289993        |

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## Catalogue drawings



## Derating curves

CX 01/01B 30, 1 pole connector inserts  
Maximum current load derating diagram

