

Part number

# CX 01 GM



Male modular insert, Mixo series, crimp connection, 1 pole, 1 module, 100 A 830 V 8 kV 3

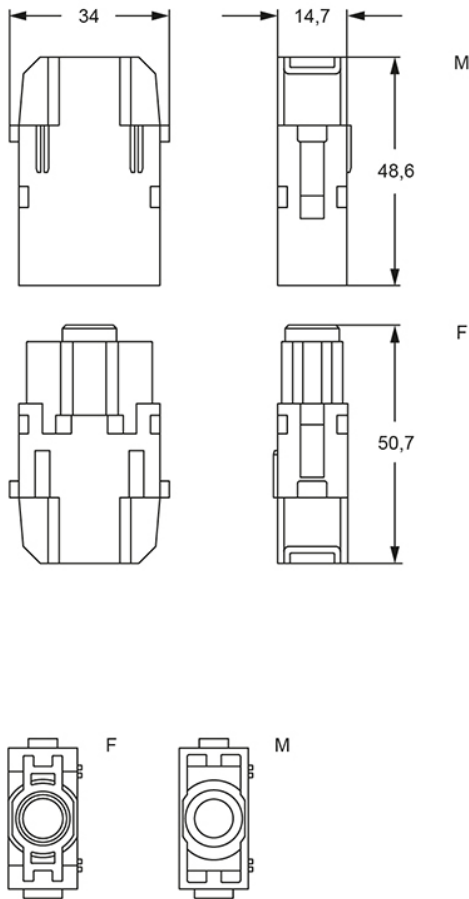
| Product description                    |                                                            | Material properties          |               |
|----------------------------------------|------------------------------------------------------------|------------------------------|---------------|
| Product type                           | Modular insert                                             | Main material                | Polycarbonate |
| Series                                 | Mixo                                                       | Colour                       | RAL 7032 grey |
| Connection type                        | Crimp connection                                           | RoHs conformity              | Compliant     |
| Gender                                 | Male                                                       | China RoHs - EFUP            | E             |
| N. of poles                            | 1 pole                                                     | REACH SVHC substances        | No            |
| Size                                   | 1 module                                                   | Approvals / Standards        |               |
| Technical data                         |                                                            | Certifications               | DNV, BV, EAC  |
| Current                                | 100 A                                                      | UL                           | ECBT2         |
| Voltage                                | 830 V                                                      | cUL                          | ECBT8         |
| Rated impulse withstand voltage        | 8 kV                                                       | General ordering information |               |
| Pollution degree                       | 3                                                          | EAN13 code                   | 8015747252140 |
| Rated voltage according to UL/CSA      | 600 V                                                      | eCl@ss 8.1                   | 27440205      |
| IP degree of protection                | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure | ETIM 7.0                     | EC000438      |
| Further technical details              |                                                            | Packaging Information        |               |
| Characteristics according to EN 61984  | 100A 830V 8kV 3                                            | Packaging weight             | 0,09 kg       |
| Mating cycles                          | ≥ 500                                                      | Packaging volume             | 1,24 dm³      |
| Insulation resistance                  | ≥ 10 GΩ                                                    | Packaging description        | Carton box    |
| Contact resistance                     | ≤ 0,3 mΩ                                                   | Packaging quantity           | 5 Pcs         |
| Weight                                 | 14,50 g                                                    | Packaging EAN code           | 8015747252164 |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                         | Sub-packaging length         | 90,00 mm      |
| UL 94 flammability rating              | V-0                                                        | Sub-packaging height         | 66,00 mm      |
|                                        |                                                            | Sub-packaging width          | 110,00 mm     |
|                                        |                                                            | Sub-packaging weight         | 0,02 kg       |
|                                        |                                                            | Sub-packaging volume         | 0,65 dm³      |
|                                        |                                                            | Sub-packaging description    | Plastic bag   |
|                                        |                                                            | Sub-packaging quantity       | 1 Pcs         |
|                                        |                                                            | Sub-packaging EAN barcode    | 8015747252171 |

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Catalogue drawings



Derating curves

## CX 01 poles connector inserts Maximum current load derating diagram

