

Part number

**CX 02 4AM**



Male modular insert, Mixo series, screw  
terminal connection, 2 poles, 1 module, 40 A  
1000 V 8 kV 3

| Product description                           |                                                               | Material properties              |                                                       |
|-----------------------------------------------|---------------------------------------------------------------|----------------------------------|-------------------------------------------------------|
| <b>Product type</b>                           | Modular insert                                                | <b>Main material</b>             | Polycarbonate                                         |
| <b>Series</b>                                 | Mixo                                                          | <b>Colour</b>                    | RAL 7032 grey                                         |
| <b>Connection type</b>                        | Screw terminal connection                                     |                                  | Compliant with exemption                              |
| <b>Gender</b>                                 | Male                                                          | <b>RoHs conformity</b>           | 6(c): copper alloy containing up to 4% lead by weight |
| <b>N. of poles</b>                            | 2 poles                                                       |                                  |                                                       |
| <b>Size</b>                                   | 1 module                                                      | <b>China RoHs - EFUP</b>         | 50                                                    |
| Technical data                                |                                                               | <b>REACH SVHC substances</b>     | Yes<br>Lead                                           |
| <b>Current</b>                                | 40 A                                                          | <b>SCIP number</b>               | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                  |
| <b>Voltage</b>                                | 1000 V                                                        | Approvals / Standards            |                                                       |
| <b>Rated impulse withstand voltage</b>        | 8 kV                                                          | <b>Reference standard</b>        | EN 61984:2009-06                                      |
| <b>Pollution degree</b>                       | 3                                                             | <b>Certifications</b>            | CSA, CQC, DNV, BV, EAC                                |
| <b>Rated voltage according to UL/CSA</b>      | 600 V                                                         | <b>UL</b>                        | ECBT2                                                 |
| <b>Wire cross-section</b>                     | 2,50 mm <sup>2</sup> - 8,00 mm <sup>2</sup>                   | <b>cUL</b>                       | ECBT8                                                 |
| <b>AWG size</b>                               | 14 - 8                                                        | General ordering information     |                                                       |
| <b>Contact type</b>                           | Turned silver plated                                          | <b>EAN13 code</b>                | 8015747048163                                         |
| <b>IP degree of protection</b>                | IP20 without enclosure,<br>IP65/IP66/IP68/IP69 with enclosure | <b>eCl@ss 8.1</b>                | 27440205                                              |
| Further technical details                     |                                                               | <b>ETIM 7.0</b>                  | EC000438                                              |
| <b>Characteristics according to EN 61984</b>  | 40A 1000V 8kV 3                                               | Packaging Information            |                                                       |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ                                                       | <b>Packaging length</b>          | 180,00 mm                                             |
| <b>Contact resistance</b>                     | ≤ 0,5 mΩ                                                      | <b>Packaging height</b>          | 120,00 mm                                             |
| <b>Weight</b>                                 | 25,50 g                                                       | <b>Packaging width</b>           | 155,00 mm                                             |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                                            | <b>Packaging weight</b>          | 1,72 kg                                               |
| <b>UL 94 flammability rating</b>              | V-0                                                           | <b>Packaging volume</b>          | 3,35 dm <sup>3</sup>                                  |
|                                               |                                                               | <b>Packaging description</b>     | Carton box                                            |
|                                               |                                                               | <b>Packaging quantity</b>        | 60 Pcs                                                |
|                                               |                                                               | <b>Packaging EAN code</b>        | 8015747221115                                         |
|                                               |                                                               | <b>Sub-packaging length</b>      | 35,00 mm                                              |
|                                               |                                                               | <b>Sub-packaging height</b>      | 40,00 mm                                              |
|                                               |                                                               | <b>Sub-packaging width</b>       | 155,00 mm                                             |
|                                               |                                                               | <b>Sub-packaging weight</b>      | 0,29 kg                                               |
|                                               |                                                               | <b>Sub-packaging volume</b>      | 0,22 dm <sup>3</sup>                                  |
|                                               |                                                               | <b>Sub-packaging description</b> | Carton tray                                           |
|                                               |                                                               | <b>Sub-packaging quantity</b>    | 10 Pcs                                                |
|                                               |                                                               | <b>Sub-packaging EAN barcode</b> | 8015747143660                                         |

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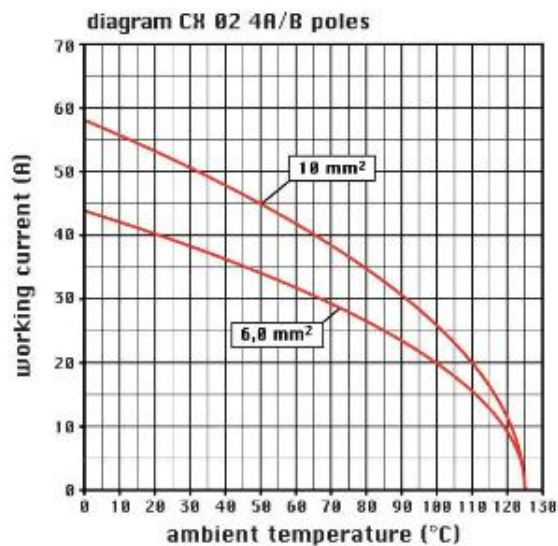
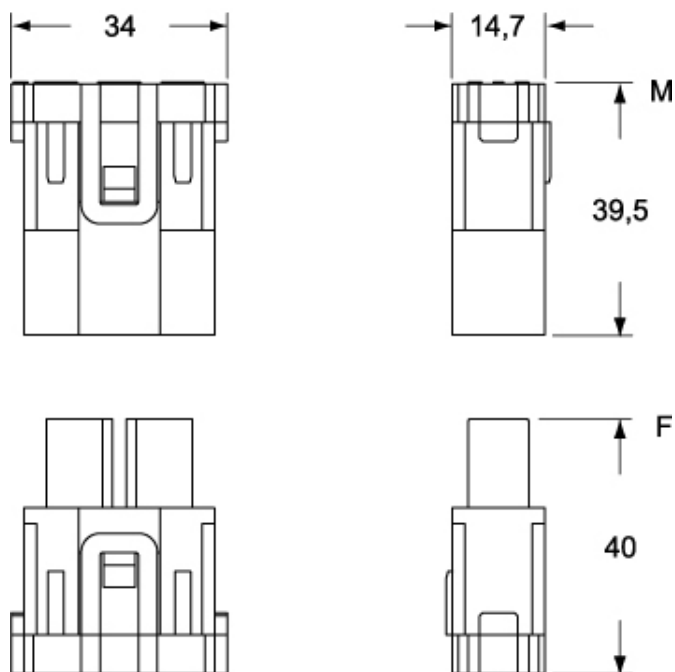
# CX 02 4AM



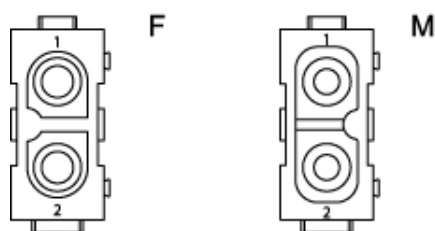
Catalogue drawings

Catalogue drawings

## CX 02 4AM



## CX 02 4AF



## Notes

Inserts CX 02 4AF - CX 02 4AM:

- characteristics according to EN 61984:

(40A 1000V 8kV 3)  
(40A 1600V 12kV 2)

- inserts for Ø 4mm cables, section: 2.5-8 mm² - AWG 14-8  
- footprint 1 module

Inserts CX 02 4BF - CX 02 BM:

- characteristics according to EN 61984:  
(40A 1000V 8kV 3)

(40A 1600V 12kV 2)

- inserts for Ø 4.8 mm cables, section: 6-10 mm² - AWG 10-8  
- footprint 1 module  
- use flexible cables with sections from 2.5 to 10 mm² or extra flexible cables with sections from 2.5 to 6 mm²

- do not twist the cables  
- fully insert the braids in the rear section of the contact

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the modular inserts must be installed in suitable frames which in turn are installed in traditional housings or COB panel support

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Dimensions shown in mm are not binding and may be changed without notice.

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### **California Proposition 65 Information**



### **WARNING**

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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