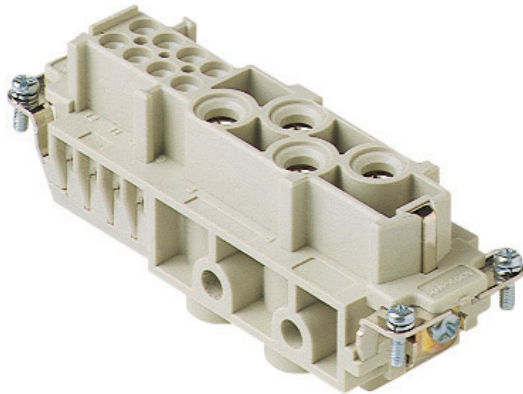


Part number

# CXF 4/8



Female insert, CX series, screw terminal connection, 4 + 8 poles + PE, 80 A 400 V 6 kV 3 / 16 A 230/400 V 4 kV 3, size "104.27"

| Product description                    |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                       |
| Series                                 | CX                                                                                           |
| Connection type                        | Screw terminal connection                                                                    |
| Gender                                 | Female                                                                                       |
| N. of poles                            | 4 poles +  |
| Auxiliary poles                        | 8 poles                                                                                      |
| Size                                   | Size "104.27"                                                                                |
| Technical data                         |                                                                                              |
| Current                                | 80 A                                                                                         |
| Voltage                                | 400 V                                                                                        |
| Rated impulse withstand voltage        | 6 kV                                                                                         |
| Pollution degree                       | 3                                                                                            |
| Rated voltage according to UL/CSA      | 600 V                                                                                        |
| Wire cross-section                     | 4,00 mm <sup>2</sup> - 16,00 mm <sup>2</sup>                                                 |
| AWG size                               | 12 - 6                                                                                       |
| Contact type                           | Turned silver plated                                                                         |
| IP degree of protection                | IP20 without enclosure,<br>IP65/IP66/IP68/IP69 with enclosure                                |
| Further technical details              |                                                                                              |
| Characteristics according to EN 61984  | 80A 400V 6kV 3 (aux:16A 230/400V 4kV 3); 80A 400/690V 6kV 2 (aux:16A 400V 4kV 2)             |
| Mating cycles                          | ≥ 500                                                                                        |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      |
| Weight                                 | 150,00 g                                                                                     |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                           |
| UL 94 flammability rating              | V-0                                                                                          |

| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| Other materials              | Contacts: copper alloy                                                         |
| Colour                       | RAL 7032 grey                                                                  |
| RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP            | 50                                                                             |
| REACH SVHC substances        | Yes<br>Lead                                                                    |
| Approvals / Standards        |                                                                                |
| Reference standard           | EN 61984:2009-06                                                               |
| Certifications               | CSA, CQC, DNV-GL, BV, EAC                                                      |
| UL                           | ECBT2                                                                          |
| cUL                          | ECBT8                                                                          |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747042352                                                                  |
| ETIM 7.0                     | EC000438                                                                       |
| Packaging Information        |                                                                                |
| Packaging length             | 245,00 mm                                                                      |
| Packaging height             | 165,00 mm                                                                      |
| Packaging width              | 215,00 mm                                                                      |
| Packaging weight             | 4,89 kg                                                                        |
| Packaging volume             | 8,69 dm <sup>3</sup>                                                           |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 30 Pcs                                                                         |
| Packaging EAN code           | 8015747191852                                                                  |
| Sub-packaging length         | 113,00 mm                                                                      |
| Sub-packaging height         | 36,00 mm                                                                       |
| Sub-packaging width          | 180,00 mm                                                                      |
| Sub-packaging weight         | 0,82 kg                                                                        |
| Sub-packaging volume         | 0,73 dm <sup>3</sup>                                                           |
| Sub-packaging description    | Carton tray                                                                    |
| Sub-packaging quantity       | 5 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747042369                                                                  |

Part number

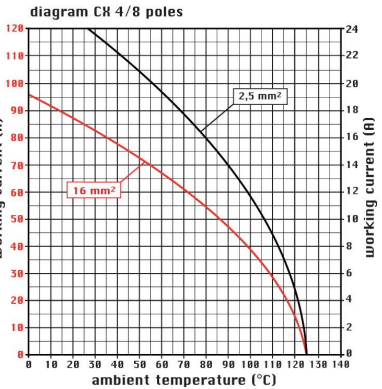
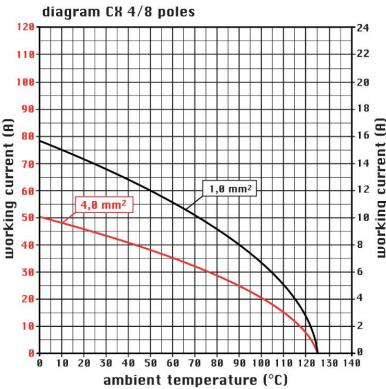
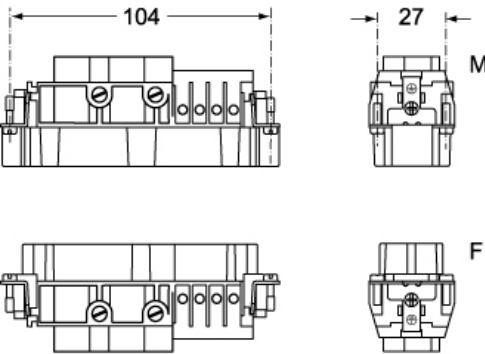
# CXF 4/8



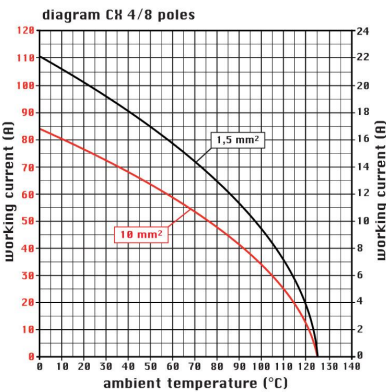
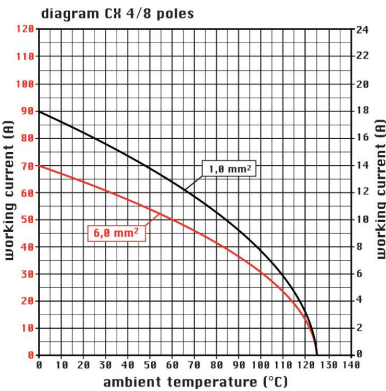
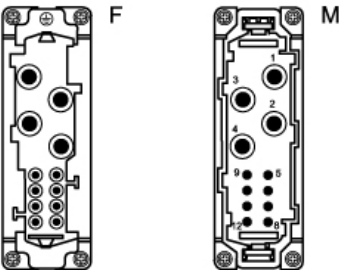
Catalogue drawings

Catalogue drawings

## CXM 4/8



## CXF 4/8



## Notes

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