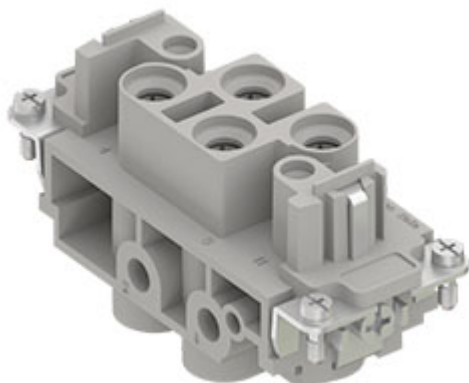


# Part number

# CXF 4/0



Female insert, CX series, screw terminal connection, 4 poles + PE, 80 A 830 V 8 kV 3, size "77.27"

| Product description                    |                                                                                             | Material properties          |                                                                                |
|----------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                      | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CX                                                                                          | Other materials              | Contacts: copper alloy                                                         |
| Connection type                        | Screw terminal connection                                                                   | Colour                       | RAL 7032 grey                                                                  |
| Gender                                 | Female                                                                                      | RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| N. of poles                            | 4 poles +  | China RoHs - EFUP            | 50                                                                             |
| Size                                   | Size 77.27                                                                                  | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                                                             | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 80 A                                                                                        | Approvals / Standards        |                                                                                |
| Voltage                                | 830 V                                                                                       | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 8 kV                                                                                        | Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| Pollution degree                       | 3                                                                                           | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600 V                                                                                       | cUL                          | ECBT8                                                                          |
| Wire cross-section                     | 4,00 mm <sup>2</sup> - 16,00 mm <sup>2</sup>                                                | General ordering information |                                                                                |
| AWG size                               | 12 - 6                                                                                      | EAN13 code                   | 8015747042314                                                                  |
| Contact type                           | Turned silver plated                                                                        | 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  | 80A 830V 8kV 3                                                                              | Packaging length             | 200,00 mm                                                                      |
| Mating cycles                          | ≥ 500                                                                                       | Packaging height             | 165,00 mm                                                                      |
| Insulation resistance                  | ≥ 10 GΩ                                                                                     | Packaging width              | 200,00 mm                                                                      |
| Contact resistance                     | ≤ 0,3 mΩ                                                                                    | Packaging weight             | 3,81 kg                                                                        |
| Weight                                 | 113,00 g                                                                                    | Packaging volume             | 6,60 dm <sup>3</sup>                                                           |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                          | Packaging description        | Carton box                                                                     |
| UL 94 flammability rating              | V-0                                                                                         | Packaging quantity           | 30 Pcs                                                                         |
|                                        |                                                                                             | Packaging EAN code           | 8015747191814                                                                  |
|                                        |                                                                                             | Sub-packaging length         | 87,00 mm                                                                       |
|                                        |                                                                                             | Sub-packaging height         | 36,00 mm                                                                       |
|                                        |                                                                                             | Sub-packaging width          | 180,00 mm                                                                      |
|                                        |                                                                                             | Sub-packaging weight         | 0,64 kg                                                                        |
|                                        |                                                                                             | Sub-packaging volume         | 0,56 dm <sup>3</sup>                                                           |
|                                        |                                                                                             | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                                                             | Sub-packaging quantity       | 5 Pcs                                                                          |
|                                        |                                                                                             | Sub-packaging EAN barcode    | 8015747042321                                                                  |

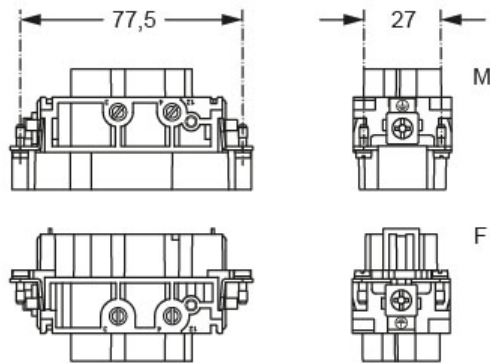
Part number

# CXF 4/0

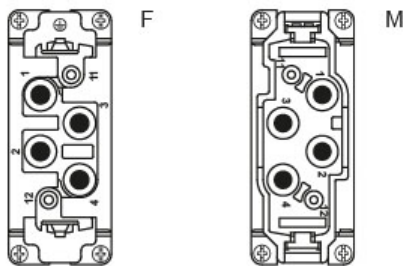


Catalogue drawings

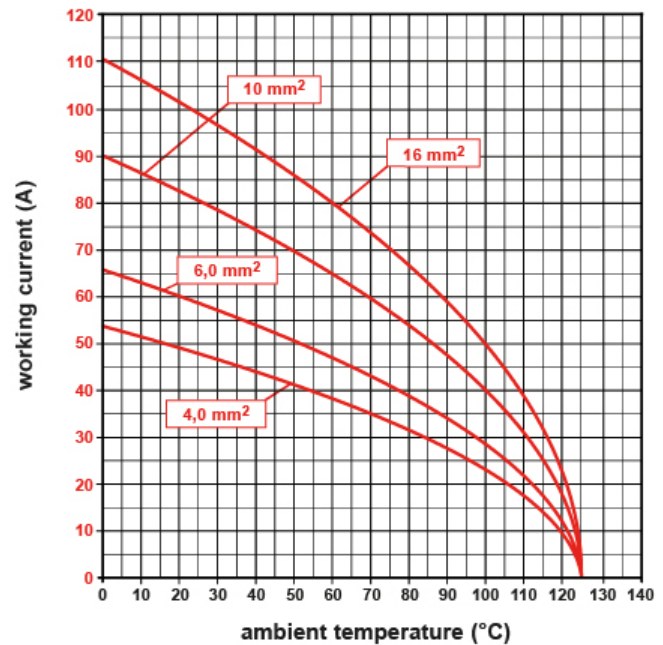
Derating curves



contacts side (front view)



**CX 4/0 poles connector inserts**  
**Maximum current load derating diagram**



## Notes

### 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).