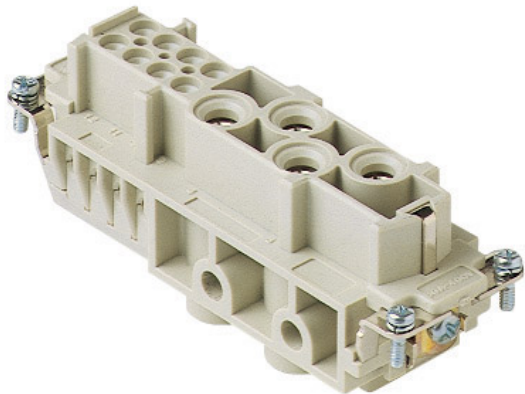


Part number

CXF 4/8



Brief description:

female insert, 4 poles + PE, screw terminal connections, 80A 400V, (8 poles (16A max - 230/400V/4kV/3)), 6kV, 3, silver plated, size "104.27", CLASS insert series

| Product description                    |                                                                                              | Approvals / Standards        |                                                                                                                                                                                                                                                                 |
|----------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                                  | female insert                                                                                | Reference standard           | EN 61984 (2001-11)                                                                                                                                                                                                                                              |
| Version                                | screw terminal connections                                                                   | Quality mark                 |    EAC |
| Series                                 | CX                                                                                           | Conformity                   | CQC, CE                                                                                                                                                                                                                                                         |
| Product type                           | with female contacts                                                                         | General ordering information |                                                                                                                                                                                                                                                                 |
| Family                                 | CLASS inserts                                                                                | EAN13 code                   | 8015747042352                                                                                                                                                                                                                                                   |
| Size                                   | size "104.27"                                                                                | Tariff number                | 85369095                                                                                                                                                                                                                                                        |
| N. of poles                            | 4 poles +  | Country of origin            | Made in EU (IT)                                                                                                                                                                                                                                                 |
| Auxiliary poles                        | 8 poles (16A max - 230/400V/4kV/3)                                                           | ETIM classification          | EC000438                                                                                                                                                                                                                                                        |
| Technical data                         |                                                                                              | Packaging Information        |                                                                                                                                                                                                                                                                 |
| Current                                | 80 A (A.C. and D.C.)                                                                         | Packaging length             | 245,00 mm                                                                                                                                                                                                                                                       |
| Voltage                                | 400 V                                                                                        | Packaging height             | 165,00 mm                                                                                                                                                                                                                                                       |
| Rated impulse withstand voltage        | 6kV                                                                                          | Packaging width              | 215,00 mm                                                                                                                                                                                                                                                       |
| Pollution degree                       | 3                                                                                            | Packaging weight             | 4,90 kg                                                                                                                                                                                                                                                         |
| Wire cross-section                     | 4,00 mm² - 16,00 mm²                                                                         | Packaging volume             | 8,69 dm³                                                                                                                                                                                                                                                        |
| AWG size                               | 12 - 6                                                                                       | Packaging description        | Carton box                                                                                                                                                                                                                                                      |
| Operating temperature range (min, max) | -40°C ... +125°C                                                                             | Packaging quantity           | 30 Pcs                                                                                                                                                                                                                                                          |
| Contact type                           | silver plated                                                                                | Packaging EAN code           | 8015747191852                                                                                                                                                                                                                                                   |
| Mating cycles                          | ≥ 500                                                                                        | Sub-packaging weight         | 0,82 kg                                                                                                                                                                                                                                                         |
| IP degree of protection                | IP20 without enclosure; IP65/IP66/IP67/IP68 with enclosure                                   | Sub-packaging description    | Carton                                                                                                                                                                                                                                                          |
|                                        |                                                                                              | Sub-packaging quantity       | 5 Pcs                                                                                                                                                                                                                                                           |
|                                        |                                                                                              | Sub-packaging EAN barcode    | 8015747042369                                                                                                                                                                                                                                                   |
| 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)             |                              |                                                                                                                                                                                                                                                                 |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      |                              |                                                                                                                                                                                                                                                                 |
| Rated voltage according to UL/CSA      | 600V                                                                                         |                              |                                                                                                                                                                                                                                                                 |
| UL 94 flammability rating              | V-0                                                                                          |                              |                                                                                                                                                                                                                                                                 |
| Weight                                 | 135,80 g                                                                                     |                              |                                                                                                                                                                                                                                                                 |

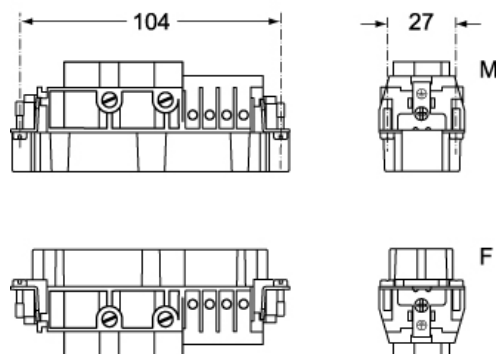
Part number

# CXF 4/8

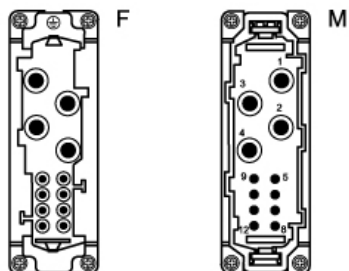


Catalogue drawings

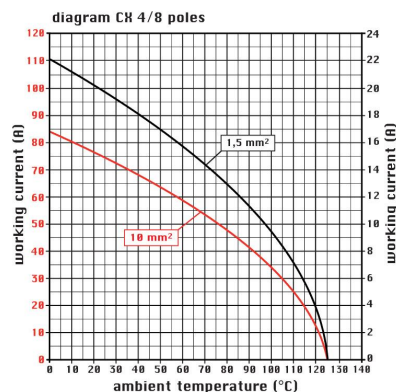
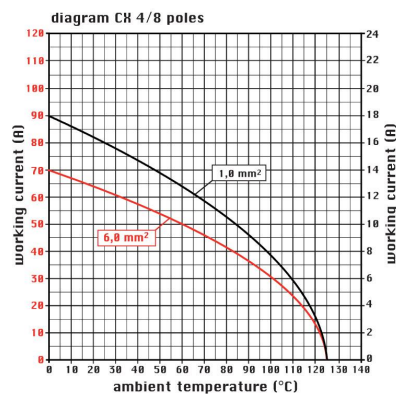
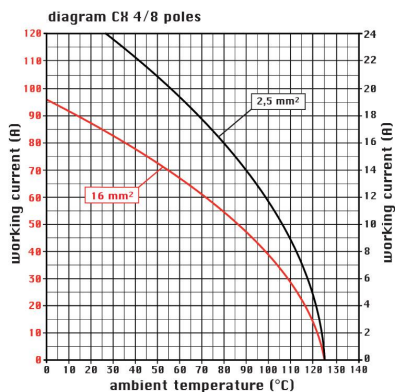
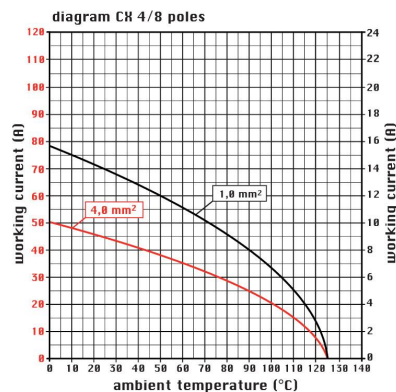
**CXM 4/8**



**CXF 4/8**



Catalogue drawings



## Notes

CXF/M 4/8 inserts  
80A contacts  
- without plate for section conductors:

4 - 16 mm² - AWG 12 - 6  
- conductors stripping length: 14 mm  
- terminal screw torque: 2.5 Nm

#### 16A contacts

- with plate for section conductors

0,75 - 2,5 mm<sup>2</sup> - AWG 18 - 14

- conductors stripping length: 7 mm

- terminal screw torque: 0.5 Nm

- characteristics according to EN 61984:

80A 400V 6kV 3

80A 400/690V 6kV 2

16A 230/400V 4kV 3

16A 400V 4kV 2

- rated voltage according to UL/CSA: 600V

- insulation resistance: > 10 GOhm

- ambient temperature limit: -40 °C ... +125 °C

- are made of self-extinguishing thermoplastic resin UL 94 V0

- mechanical life: > 500 cycles

- contact resistance: < 0,3 mOhm (4 poles) < 1 mOhm (8 poles)

- inserts for applications with temperatures up to 180 °C, available on request

- enclosures: size 104.27:

C-TYPE IP65/IP66

C7 IP67 stainless steel lever

V-TYPE IP65/IP66

stainless steel lever

T-TYPE IP65 insulating

JEI zinc-plated steel lever

BIG hoods

aggressive environments

EMC

central lever

IP68

- panel supports: COB

---