

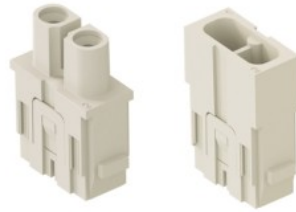
CX 02 4F/4M 2 poles 40A - 1000V

The modular inserts must be installed in suitable frames which are then mounted in traditional enclosures* or in COB panel support.
Single-sized modular units may be directly mounted inside MIXO ONE enclosures.

frames for modular units* page: 316 - 317
MIXO ONE enclosures 369

* enclosures: bulkhead mounting housings, high construction housings or high construction hoods

modular units, crimp connections



40A silver plated crimp contacts



| description | part No. | part No. |
|-------------|----------|----------|
|-------------|----------|----------|

without contacts (to be ordered separately)
female inserts for female contacts 1)
male inserts for male contacts 1)

CX 02 4F
CX 02 4M

40A female crimp contacts
1,5 mm² AWG 16
2,5 mm² AWG 14
4 mm² AWG 12
6 mm² AWG 10
10 mm² AWG 8

CXFA 1.5
CXFA 2.5
CXFA 4.0
CXFA 6.0
CXFA 10

silver plated

40A male crimp contacts
1,5 mm² AWG 16
2,5 mm² AWG 14
4 mm² AWG 12
6 mm² AWG 10
10 mm² AWG 8

CXMA 1.5
CXMA 2.5
CXMA 4.0
CXMA 6.0
CXMA 10

1) cable diameter up to 7,5 mm
contact size up to 10 mm²

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

- certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: ≥ 10 GΩ

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

- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

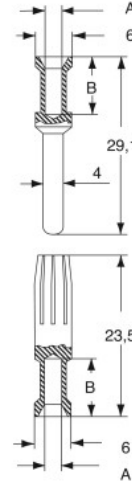
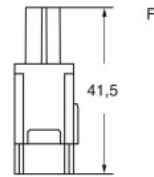
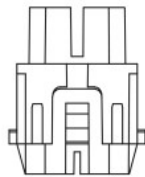
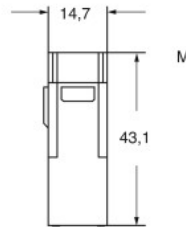
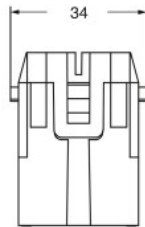
- contact resistance: ≤ 0,3 mΩ

- can be mated with CX 02 4A/4B modules

- **it is recommended to crimp the contacts**

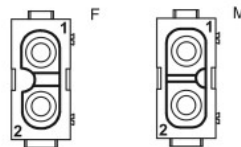
(1,5 - 10 mm²), **with crimping tools homologated by ILME** (please see the crimping tool section 40A contacts, CXF and CXM series) on pages 708 - 741

- for max. current load see the connector inserts derating diagram below; for more information see page 28



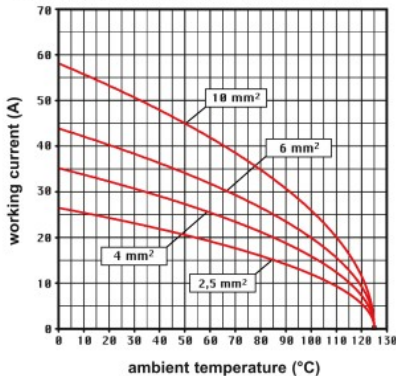
contacts side (front view)

side with reference arrow ▲



- 1 frame slot

CX 02 4, 2 poles connector inserts
Maximum current load derating diagram



CXF and CXM contacts

| conductor section (mm ²) | conductor slot ø A (mm) | conductor stripping length B (mm) |
|--------------------------------------|-------------------------|-----------------------------------|
| 1,5 | 1,8 | 9 |
| 2,5 | 2,2 | 9 |
| 4 | 2,85 | 9,6 |
| 6 | 3,5 | 9,6 |
| 10 | 4,3 | 15 |