

CX 04 XF/XM 4 poles 40A - 830V

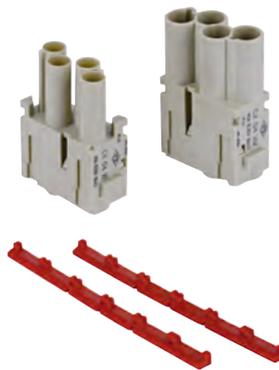
The modular inserts must be installed in suitable frames which are then mounted in traditional enclosures* or in COB panel support.
Single-sized modular units may be directly mounted inside MIXO ONE enclosures.

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 with red lock-in tab (included)



40A silver plated crimp contacts



description

part No.

part No

without contacts (to be ordered separately)
(module red lock-in tab included)
female inserts for female contacts
male inserts for male contacts

CX 04 XF
CX 04 XM

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

CXFA 1.5
CXFA 2.5
CXFA 4.0
CXFA 6.0

silver plated

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

CXMA 1.5
CXMA 2.5
CXMA 4.0
CXMA 6.0

MIXO INSERTS

- characteristics according to EN 61984:

40A 830V 8kV 3
40A 1000V 8kV 2

- cULus (UL for USA and Canada), SR, CQC, DNV-GL

- BUREAU VERITAS EAC certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: $\geq 10 \text{ G}\Omega$

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

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

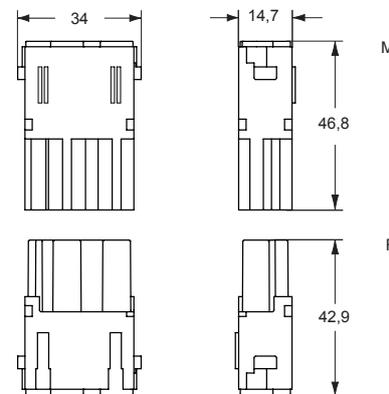
- mechanical life: ≥ 500 cycles

- contact resistance: $\leq 0,3 \text{ m}\Omega$

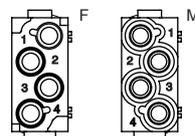
- for spare lock-in tab CX CFMX see SPARE SPARTS catalogue

- it is recommended to crimp the contacts 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

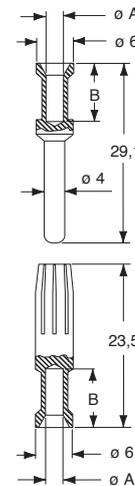
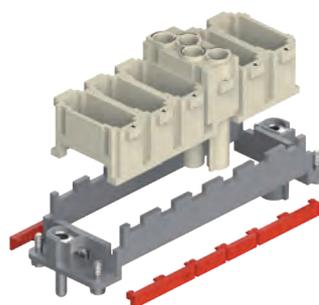


contacts side (front view)
side with reference arrow ▲



- 1 frame slot

Female inserts are supplied with two red lock tab that must be used instead of those supplied with the frames.



CXF and CXM contacts

conductor section (mm ²)	conductor slot σA (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

- male and female contacts finger proof
- their key characteristic lies in the fact that they guarantee maximum safety even in case of accidental contact with fingers (IP2X or IPXXB). Safety is guaranteed as standard on female contacts, but also on male contacts. This feature is important as it ensures full compliance with the recent safety standard EN 60204-1, concerning electric equipment fitted on machines and in particular with the requirements of Article 6.2.4 concerning protection against residual voltage. In the case of plugs or similar devices, the with drawal of which results in the exposure of conductors (for example pins), the discharge time shall not exceed 1 s, otherwise such conductors shall be protected against direct contact to at least an IP2X or IPXXB.

CX 04 X. 4 poles connector inserts
Maximum current load derating diagram

