

CX 8 poles (16A - 400V) + 24 poles (10A - 250V) + $\oplus$

enclosures:
size "57.27"

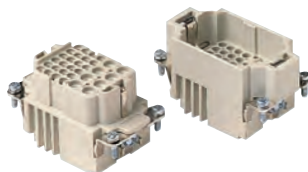
page:

C-TYPE IP65/IP66	393 - 401
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panel supports:
COB

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inserts, crimp connections



description

part No.

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

CXF 8/24
CXM 8/24

- characteristics according to EN 61984:

16A 230/400V 4kV 3

16A 400V 4kV 2

10A 160V 2,5kV 3

10A 250V 4kV 2

- 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:

$\leq 1 \text{ m}\Omega$ (8 poles)

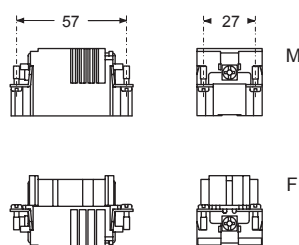
$\leq 3 \text{ m}\Omega$ (24 poles)

- **it is recommended to crimp the contacts with crimping tools homologated by ILME**

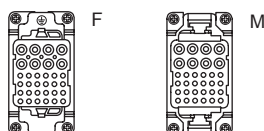
(please see the crimping tool section 16A contacts, CCF, CCM, CC...AN series and 10A contacts CDF, CDM series on pages 708 - 741)

- PCBs interface, see article CIF 2.4 (10A contacts)

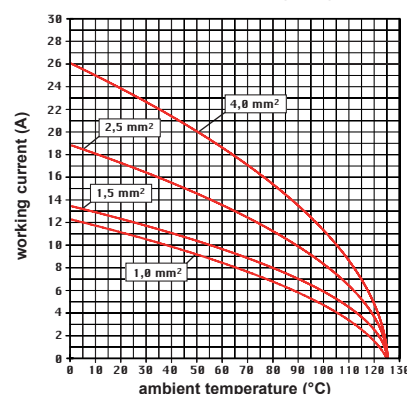
- for max. current load see the connector inserts derating diagrams below; for more information see page 28



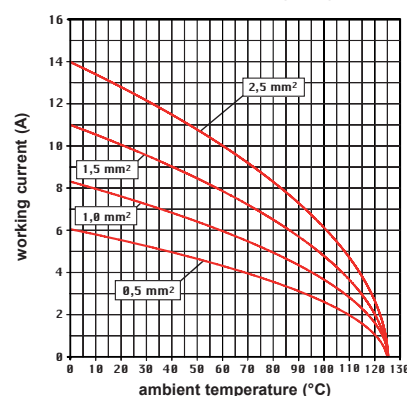
contacts side (front view)



CX 8/24 power poles connector inserts
Maximum current load derating diagram



CX 8/24 auxiliary poles connector inserts
Maximum current load derating diagram



Note: for connector with power poles and auxiliary poles simultaneously loaded in the combinations

power poles	auxiliary poles
4,0 mm ²	2,5 mm ²
2,5 mm ²	1,5 mm ²
1,5 mm ²	1,0 mm ²
1,0 mm ²	0,5 mm ²

with power / auxiliary current ratios = 1,6 / 1