

CX 12 poles (40A - 690V) + 2 poles (10A - 250V) + ⊕

enclosures:
size "77.27"

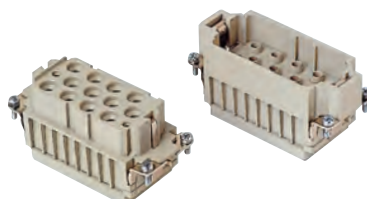
page:

C-TYPE IP65/IP66	402 - 411
C7 IP67, two levers	439 - 440
V-TYPE IP65/IP66, single lever	454 - 458
BIG hoods	470 - 471
T-TYPE IP65 insulating	484 - 485
T-TYPE / W IP66/IP69 insulating	491
HYGIENIC T-TYPE / H IP66/IP69	503
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	508
W-TYPE for aggressive environments	523
E-Xtreme® corrosion proof	534 - 535, 544, 554 - 555
EMC	580
Central lever	609 - 611
LS-TYPE	622 - 623
IP68	640 - 643

panel supports:
COB

page:
652 - 653

inserts, crimp connections



40A and 10A crimp contacts
silver and gold plated



description	part No.	part No.
without contacts (to be ordered separately)		
female inserts for female contacts	CXF 12/2	
male inserts for male contacts	CXM 12/2	
40A female crimp contacts		
1,5 mm ² AWG 16		CXFA 1.5
2,5 mm ² AWG 14		CXFA 2.5
4 mm ² AWG 12		CXFA 4.0
6 mm ² AWG 10		CXFA 6.0
40A male crimp contacts		
1,5 mm ² AWG 16		CXMA 1.5
2,5 mm ² AWG 14		CXMA 2.5
4 mm ² AWG 12		CXMA 4.0
6 mm ² AWG 10		CXMA 6.0
10A female contacts		
0,14-0,37 mm ² AWG 26-22	identification No. 1	CDFA 0.3
0,5 mm ² AWG 20	identification No. 2	CDFA 0.5
0,75 mm ² AWG 18	identification No. ②	CDFA 0.7
1 mm ² AWG 18	identification No. 3	CDFA 1.0
1,5 mm ² AWG 16	identification No. 4	CDFA 1.5
2,5 mm ² AWG 14	identification No. 5	CDFA 2.5
10A male contacts		
0,14-0,37 mm ² AWG 26-22	identification No. 1	CDMA 0.3
0,5 mm ² AWG 20	identification No. 2	CDMA 0.5
0,75 mm ² AWG 18	identification No. ②	CDMA 0.7
1 mm ² AWG 18	identification No. 3	CDMA 1.0
1,5 mm ² AWG 16	identification No. 4	CDMA 1.5
2,5 mm ² AWG 14	identification No. 5	CDMA 2.5

silver plated

* for basic or high thickness gold plating, please refer to page 674

gold plated

- characteristics according to EN 61984:

40A 690V 8kV 3

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

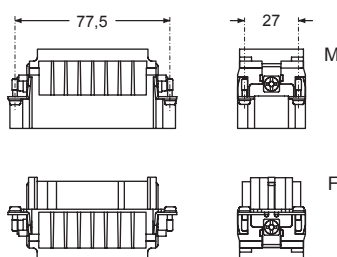
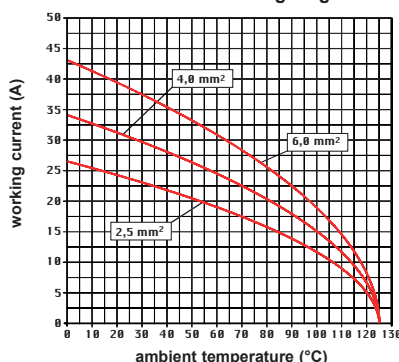
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

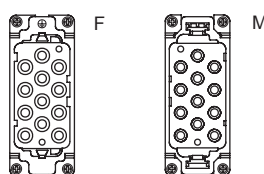
- contact resistance: $\leq 0,3 \text{ m}\Omega$ (12 poles), $\leq 1 \text{ m}\Omega$ (2 poles)

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

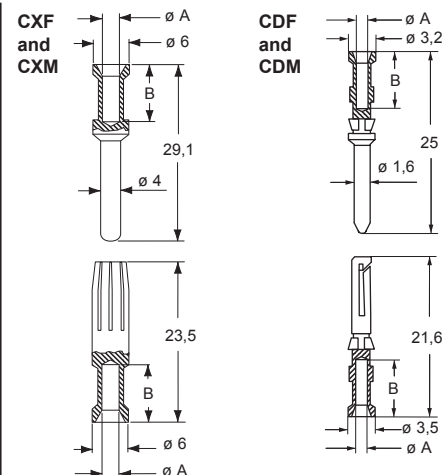
CX 12/2 power poles connector inserts
Maximum current load derating diagram



contacts side (front view)



- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 40A contacts, CXF, CXM series and 10A contacts CDF, CDM series on pages 708 - 741



CXF and CXM contacts

conductor section mm ²	conductor slot $\varnothing A$ (mm)	conductors stripping length B (mm)
1,5	1,8	9
2,5	2,2	9
4	2,85	9,6
6	3,5	9,6

CDF and CDM contacts

conductor section mm ²	conductor slot $\varnothing A$ (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6