

CQ 4 poles (40A - 400/690V) + 2 poles (10A - 250V) + $\oplus$

enclosures:
size "32.13"

page:

insulating type
EMC

365 - 367
573 - 574

ISO 23570-3 standard and
DESINA specification
compliant



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	CQF 04/2	
male inserts for male contacts	CQM 04/2	
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

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

- characteristics according to EN 61984:

4 poles 40A 400/690V 6kV 3
2 poles 10A 250V 4kV 3

- cULus (UL for USA and Canada),

- certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: ≥ 10 G Ω

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

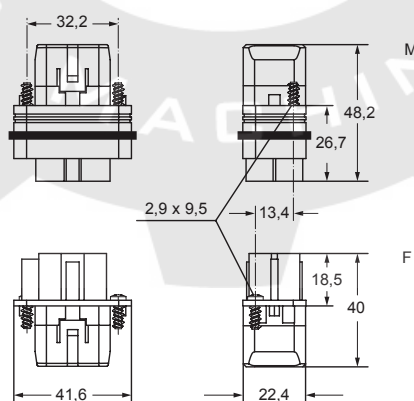
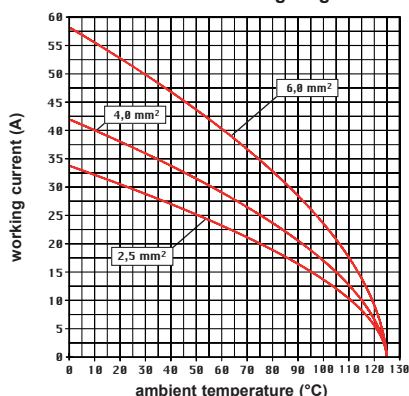
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

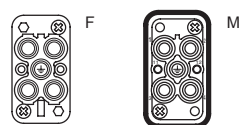
- contact resistance: $\leq 0,3$ m Ω (4 poles), ≤ 3 m Ω (2 poles)

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

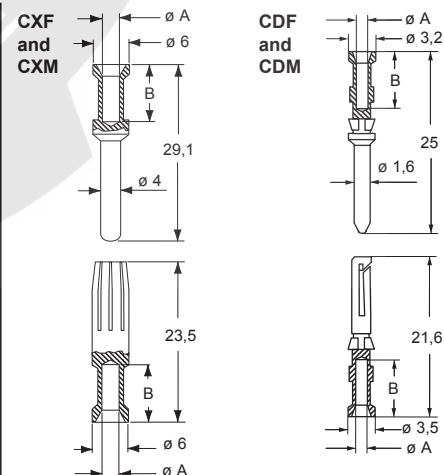
CQ 04/2 power poles connector inserts
Maximum current load derating diagram



contacts side (front view)



- each insert supplied with 2 fixing screws,
self-tapping, zinc plated steel $\varnothing 2,9 \times 9,5$ mm, Ph1
- **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 Ø 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 Ø 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