

CQ 7 poles + ⊕ 10A - 400V

enclosures: size "21.21"	page:
Insulating type	339 - 348
Metallic type	349 - 363
W-TYPE for aggressive environments	512 - 518
EMC	564 - 572
IP68	628 - 631
E-Xtreme® corrosion proof	538 - 539

inserts, crimp connections



10A crimp contacts
silver and gold plated



description	part No.	part No
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without contacts (to be ordered separately)
female inserts for female contacts
male inserts for male contacts

CQF 07
CQM 07

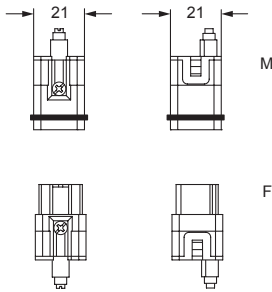
10A female contacts		
0,14-0,37 mm²	AWG 26-22	identification No. 1
0,5 mm²	AWG 20	identification No. 2
0,75 mm²	AWG 18	identification No. ②
1 mm²	AWG 18	identification No. 3
1,5 mm²	AWG 16	identification No. 4
2,5 mm²	AWG 14	identification No. 5

CDFA 0.3	silver plated	CDFD 0.3	gold plated+*
CDFA 0.5		CDFD 0.5	
CDFA 0.7		CDFD 0.7	
CDFA 1.0		CDFD 1.0	
CDFA 1.5		CDFD 1.5	
CDFA 2.5		CDFD 2.5	

10A male contacts		
0,14-0,37 mm²	AWG 26-22	identification No. 1
0,5 mm²	AWG 20	identification No. 2
0,75 mm²	AWG 18	identification No. ②
1 mm²	AWG 18	identification No. 3
1,5 mm²	AWG 16	identification No. 4
2,5 mm²	AWG 14	identification No. 5

CDMA 0.3	silver plated	CDMD 0.3	gold plated+*
CDMA 0.5		CDMD 0.5	
CDMA 0.7		CDMD 0.7	
CDMA 1.0		CDMD 1.0	
CDMA 1.5		CDMD 1.5	
CDMA 2.5		CDMD 2.5	

- characteristics according to EN 61984:
10A 400V 6kV 3
- (UL for USA and Canada),
- 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: ≤ 3 mΩ
- inserts already supplied with stainless steel fixing screw with gasket, which ensures IP66/IP67/IP69 degree of protection
- first-make last-break screw-type PE contact
- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)
- for max. current load see the connector inserts derating diagram below; for more information see page 28

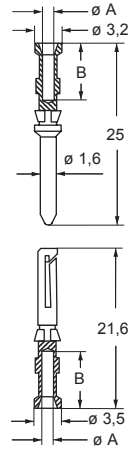


contacts side (front view)



Note:
PE screw connection for unprepared wires only

The **CR QF07** and **CR QM07** coding pins (to be ordered separately), allow the user to create 6 different combinations, according to the diagram shown on **page 690**



CDF and CDM contacts		
conductor section mm²	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

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

CQ 07 poles connector inserts
Maximum current load derating diagram

