

CQ 12 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



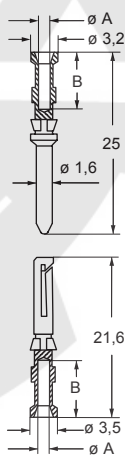
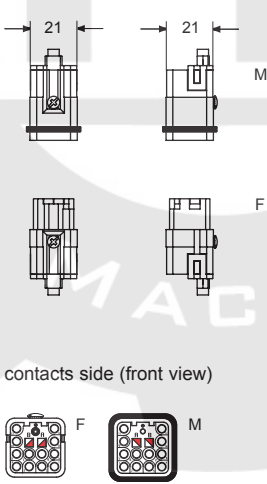
10A crimp contacts
silver and gold plated



ISO 23570-3 standard and
DESINA specification
compliant

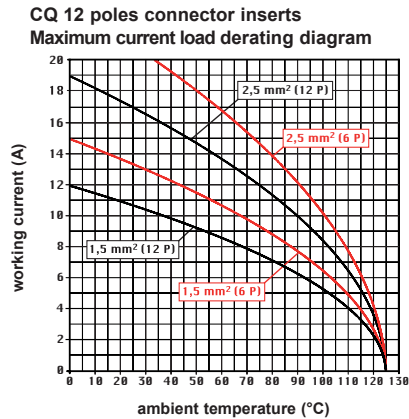
description	part No.	part No
without contacts (to be ordered separately)		
female inserts for female contacts	CQF 12	
male inserts for male contacts	CQM 12	
10A female contacts		
0,14-0,37 mm ² AWG 26-22 identification No. 1	CDFA 0.3	CDFD 0.3
0,5 mm ² AWG 20 identification No. 2	CDFA 0.5	CDFD 0.5
0,75 mm ² AWG 18 identification No. ②	CDFA 0.7	CDFD 0.7
1 mm ² AWG 18 identification No. 3	CDFA 1.0	CDFD 1.0
1,5 mm ² AWG 16 identification No. 4	CDFA 1.5	CDFD 1.5
2,5 mm ² AWG 14 identification No. 5	CDFA 2.5	CDFD 2.5
10A male contacts		
0,14-0,37 mm ² AWG 26-22 identification No. 1	CDMA 0.3	CDMD 0.3
0,5 mm ² AWG 20 identification No. 2	CDMA 0.5	CDMD 0.5
0,75 mm ² AWG 18 identification No. ②	CDMA 0.7	CDMD 0.7
1 mm ² AWG 18 identification No. 3	CDMA 1.0	CDMD 1.0
1,5 mm ² AWG 16 identification No. 4	CDMA 1.5	CDMD 1.5
2,5 mm ² AWG 14 identification No. 5	CDMA 2.5	CDMD 2.5

- characteristics according to EN 61984:
10A 400V 6kV 3
10A 400/690V 6kV 2
- (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
- **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



Note:
PE screw connection for unprepared wires only

CDF and CDM contacts		
conductor section	conductor slot	conductors stripping length
mm ²	Ø A (mm)	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



The **CR Q12** coding pins (to be ordered separately), allow the user to create 16 different combinations, according to the diagram shown on **page 689**



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