

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

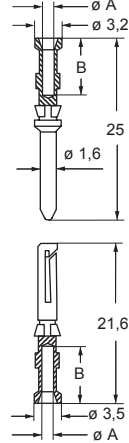
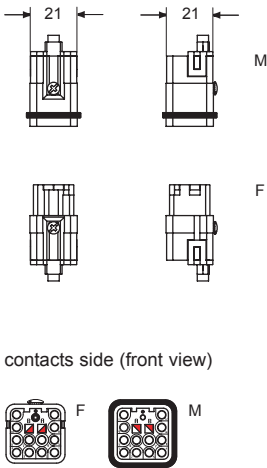


ISO 23570-3 standard and
DESINA specification
compliant

description	part No.	part No
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without contacts (to be ordered separately)		CQF 12	
female inserts for female contacts		CQM 12	
male inserts for male contacts			
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

- 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

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**



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

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

