

CQ 04/2E

40 A 400/690 V / 10 A 250 V

size **32.13**
4 / 2 poles + ⊕

Crimp connection

ISO 23570-3 standard and DESINA® specification compliant



EN 61984 rating	40 A 400 / 690 V 6 kV 3	10 A 250 V 4 kV 3
Rated voltage (UL / CSA)	600 V	
Insulation resistance	≥ 10 GΩ	
Contact resistance	40 A (4 poles)	≤ 0,3 mΩ
	10 A (2 poles)	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C	
Mechanical life (cycles)	≥ 500	



(pending: CQC, DNV and BV)

(pending: cURus)

Item	Description	Part No.	Dimension
	Male inserts for male contacts, with integrated PE plate Without contacts (to be ordered separately) Supplied with 2 fixing screws, self-tapping, zinc plated steel ø 2,9 x 9,5 mm, Ph1	CQM 04/2E	

	Female inserts for female contacts, with integrated PE plate Without contacts (to be ordered separately) Supplied with 2 fixing screws, self-tapping, zinc plated steel ø 2,9 x 9,5 mm, Ph1	CQF 04/2E	
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CQ

B

	40 A crimp contacts	10 A crimp contacts	Male	Female		
	section (mm ²) section (AWG) 1,5 16 2,5 14 4 12 6 10	section (mm ²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14	silver	CXMA 1.5 CXMA 2.5 CXMA 4.0 CXMA 6.0	CXFA 1.5 CXFA 2.5 CXFA 4.0 CXFA 6.0	
			silver	CDMA 0.3 CDMA 0.5 CDMA 0.7 CDMA 1.0 CDMA 1.5 CDMA 2.5	CDFA 0.3 CDFA 0.5 CDFA 0.7 CDFA 1.0 CDFA 1.5 CDFA 2.5	
			gold	CDMD 0.3 CDMD 0.5 CDMD 0.7 CDMD 1.0 CDMD 1.5 CDMD 2.5	CDFD 0.3 CDFD 0.5 CDFD 0.7 CDFD 1.0 CDFD 1.5 CDFD 2.5	

Wiring information, CX and CD contacts

conductor section (mm ²)	conductor slot ø A (mm)	stripping length B (mm)	conductor section (mm ²)	conductor slot ø C (mm)	stripping length D (mm)
1,5	1,8	9	0,14-0,37	0,9	8
2,5	2,2	9	0,5	1,1	8
4	2,85	9,6	0,75	1,3	8
6	3,5	9,6	1,0	1,45	8
-	-	-	1,5	1,8	8
-	-	-	2,5	2,2	6

Wire diameter: up to 5,3 mm (CX series); up to 3,8 mm (CD series).

For basic or high thickness gold plating, please refer to page F.16.

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

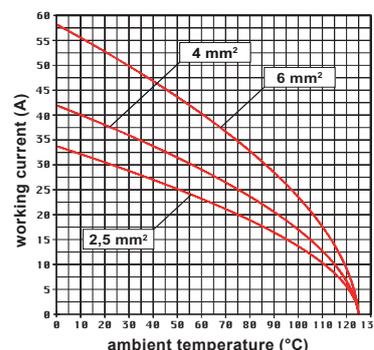
Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver ● and gold ● plated



CIF Q4/2 2.4
PCB adapter
Page D.10

Enclosures size 32.13	Pages
Heavy-Duty Applications	
Thermoplastic	E.6-7
Specialized Applications	
Thermoplastic EMC (Electromagnetic Shielding)	E.8-9
Metallic EMC (Electromagnetic Shielding)	E.10



CQ 04/2E inserts max. current load derating diagram