

CQ 04/2

40 A 400/690 V / 10 A 250 V

size **32.13**

4 / 2 poles +

Crimp connection

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

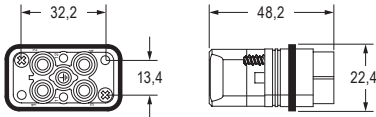
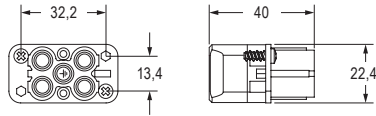
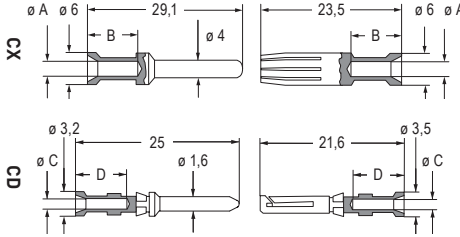
ISO 23570-3 standard
and DESINA®
specification compliant



CE UK EAC



ECBT2.E115072 | ECBT8.E115072
PVVA2.E506437 | PVVA8.E506437

Item	Description	Part No.	Dimension	
	Male inserts for male contacts Without contacts (to be ordered separately) Supplied with 2 fixing screws, self-tapping, zinc plated steel ø 2,9 × 9,5 mm, Ph1	CQM 04/2		
	Female inserts for female contacts Without contacts (to be ordered separately) Supplied with 2 fixing screws, self-tapping, zinc plated steel ø 2,9 × 9,5 mm, Ph1	CQF 04/2		
	40 A crimp contacts section (mm ²) section (AWG) 1,5 16 2,5 14 4 12 6 10	Male  CXMA 1.5 CXFA 1.5 CXMA 2.5 CXFA 2.5 CXMA 4.0 CXFA 4.0 CXMA 6.0 CXFA 6.0	Female  CXMA 1.5 CXFA 1.5 CXMA 2.5 CXFA 2.5 CXMA 4.0 CXFA 4.0 CXMA 6.0 CXFA 6.0	
	10 A crimp contacts 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	 CDMA 0.3 CDFA 0.3 CDMA 0.5 CDFA 0.5 CDMA 0.7 CDFA 0.7 CDMA 1.0 CDFA 1.0 CDMA 1.5 CDFA 1.5 CDMA 2.5 CDFA 2.5	 CDMA 0.3 CDFA 0.3 CDMA 0.5 CDFA 0.5 CDMA 0.7 CDFA 0.7 CDMA 1.0 CDFA 1.0 CDMA 1.5 CDFA 1.5 CDMA 2.5 CDFA 2.5	
	40 A crimp contacts 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	 CDMD 0.3 CDFD 0.3 CDMD 0.5 CDFD 0.5 CDMD 0.7 CDFD 0.7 CDMD 1.0 CDFD 1.0 CDMD 1.5 CDFD 1.5 CDMD 2.5 CDFD 2.5	 CDMD 0.3 CDFD 0.3 CDMD 0.5 CDFD 0.5 CDMD 0.7 CDFD 0.7 CDMD 1.0 CDFD 1.0 CDMD 1.5 CDFD 1.5 CDMD 2.5 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 tool homologated by ILME (please see page F.23)

Wiring information, CX and CD contacts

conductor section (mm²)	conductor slot ø A (mm)	stripping length B (mm)	conductor section (mm²)	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
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Enclosures size 32.13

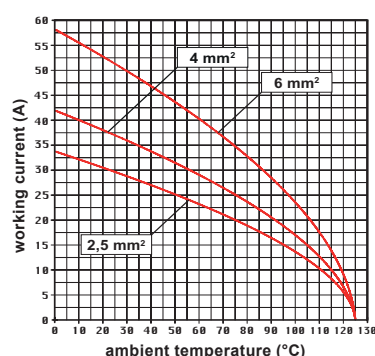
Pages

Heavy-Duty Applications

Thermoplastic	E.6-7
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Specialized Applications

Thermoplastic EMC (Electromagnetic Shielding)	E.8-9
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CQ 04/2 inserts max. current load derating diagram