

CQ 08E

16 A 500 V

size **32.13**

8 poles +

Crimp connection

ISO 23570-3 standard
and DESINA®
specification compliant



EN 61984 rating	16 A 500 V 6 kV 3
	16 A 400 / 690 V 8 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

(pending: EAC)

(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 × 9,5 mm, Ph1	CQM 08E	
	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 × 9,5 mm, Ph1	CQF 08E	
	16 A advanced opening contacts section (mm²) section (AWG) 0,5 20 0,75 18 1 18 1,5 16 2,5 14	Male CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN silver	Female
	16 A crimp contacts section (mm²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12	CCMA 0.3 CCMA 0.5 CCMA 0.7 CCMA 1.0 CCMA 1.5 CCMA 2.5 CCMA 3.0 CCMA 4.0 silver	CCFA 0.3 CCFA 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0
	0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12	CCMD 0.3 CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0 gold	CCFD 0.3 CCFD 0.5 CCFD 0.7 CCFD 1.0 CCFD 1.5 CCFD 2.5 CCFD 3.0 CCFD 4.0

Wiring information, CC contacts

conductor section (mm²)	conductor slot ø A (mm)	stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3,0	2,55	7,5
4,0	2,85	7,5

Wire diameter: up to 4,7 mm.

For basic or high thickness gold plating, please refer to page F.13.

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 Q08 1.6
PCB adapter
Page D.10



CR CPQ
Coding pins
Page G.3



CR Q08E
Coding pins
Page G.8

Enclosures size 32.13

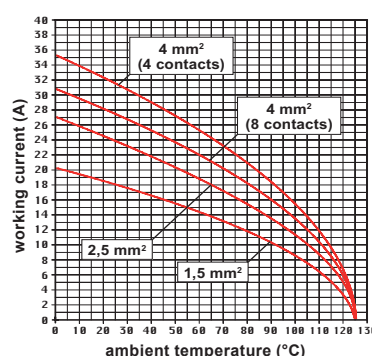
Pages

Heavy-Duty Applications

Thermoplastic	E.6-7
---------------	-------

Specialized Applications

Thermoplastic EMC (Electromagnetic Shielding)	E.8-9
Metallic EMC (Electromagnetic Shielding)	E.10



CQ 08E inserts max. current load derating diagram