

CQ 07

10 A 400 V

size **21.21**
7 poles +

Crimp connection

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

CE UK EAC

CCC DNV BUREAU VERITAS

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

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts, including PE (to be ordered separately) Pre-leading FMLB screw-type PE contact (PE connection for unprepared wires only)	CQM 07	

	Female inserts for female contacts Without contacts, including PE (to be ordered separately) Pre-leading FMLB screw-type PE contact (PE connection for unprepared wires only)	CQF 07	
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10 A crimp contacts		Male	Female	
section (mm²)	section (AWG)			
0,14-0,37	26-22	CDMA 0.3	CDFA 0.3	
0,5	20	CDMA 0.5	CDFA 0.5	
0,75	18	CDMA 0.7	CDFA 0.7	
1	18	CDMA 1.0	CDFA 1.0	
1,5	16	CDMA 1.5	CDFA 1.5	
2,5	14	CDMA 2.5	CDFA 2.5	
0,14-0,37	26-22	CDMD 0.3	CDFD 0.3	
0,5	20	CDMD 0.5	CDFD 0.5	
0,75	18	CDMD 0.7	CDFD 0.7	
1	18	CDMD 1.0	CDFD 1.0	
1,5	16	CDMD 1.5	CDFD 1.5	
2,5	14	CDMD 2.5	CDFD 2.5	

Wiring information, CD contacts

conductor section (mm²)	conductor slot ø A (mm)	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

Wire diameter: up to 3,8 mm.

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

For stamped crimp contacts (SD series), please refer to page F.18.

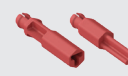
It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Materials

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



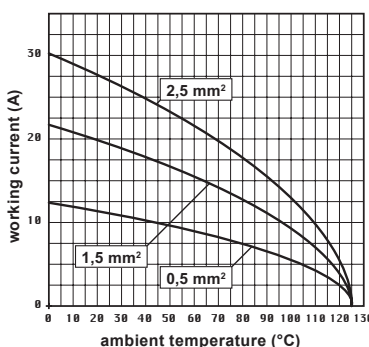
CIF Q07 2.4
PCB adapter
Page D.4



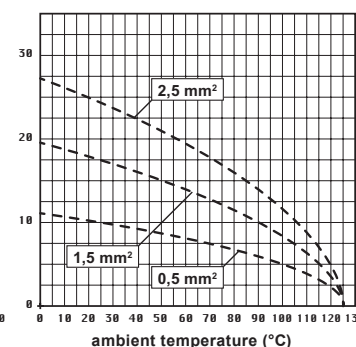
CR CQ..07
Coding pins
Page G.4

Compact 21.21 enclosures	Pages
Heavy-Duty Applications	
Thermoplastic	A.46-50
Thermoplastic with metal lever	A.53-55
Metallic	A.56-64
Aggressive Environments	
Metallic W-TYPE	A.72-75
Metallic E-Xtreme®	A.76-77
Metallic IP68 high protection	A.78-81
Specialized Applications	
EMC (Electromagnetic Shielding)	A.84-89
Hygienic series for food and beverage	A.94-96

CQ 07 inserts max. current load
derating diagram, turned contacts



CQ 07 inserts max. current load
derating diagram, stamped contacts



Inserts already supplied with stainless steel fixing screw with gasket, which ensures IP66 / IP67 / IP69 degree of protection