

CD 08

10 A 50 V_{AC} / 120 V_{DC}

size **21.21**

8 poles

Crimp connection

EN 61984 rating	10 A 50 V _{AC} / 120 V _{DC} 0,8 kV 3
Rated voltage (UL / CSA)	50 V _{AC} / 120 V _{DC}
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500



ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CDM 08	

	Female inserts for female contacts Without contacts (to be ordered separately) Can be mounted into the straight bulkhead housings CK I from the rear	CDF 08	
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10 A crimp contacts		Male	Female	
section (mm ²)	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	
		silver		
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	
		gold		
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 (mm ²)	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

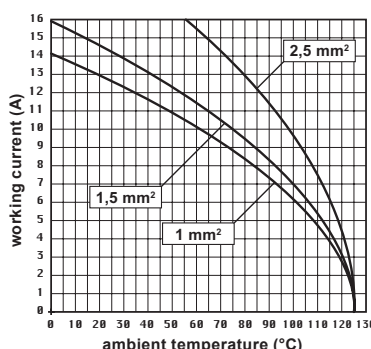
Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver and gold plated



CR CP
Coding pins
Page G.3

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

CD 08 inserts max. current load derating diagram, turned contacts



CD 08 inserts max. current load derating diagram, stamped contacts

