

CD 07

10 A 250 V

size **21.21**
7 poles +

Crimp connection

EN 61984 rating	10 A 250 V 4 kV 3
	10 A 230 / 400 V 4 kV 2
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

DNV BUREAU VERITAS

CBUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CDM 07 CDF 07 N	
	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 07 CDF 07 N	

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

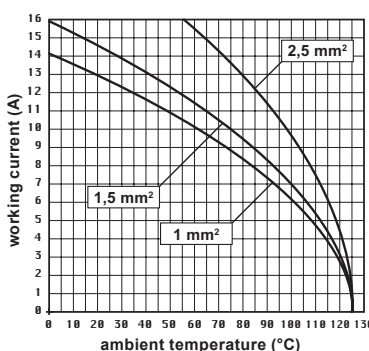
Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	
- CD...	pebble grey, RAL 7032
- CD...N	black, RAL 9005
Contacts	copper alloy, silver and gold plated



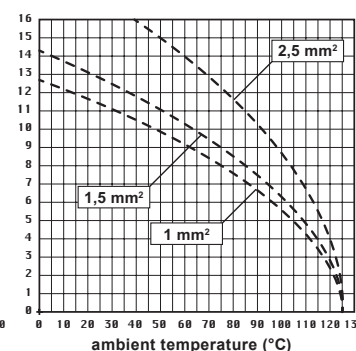
CR CP
Coding pins
Page G.3

Compact 21.21 enclosures	Pages
Heavy-Duty Applications	
Thermoplastic	A.46-50
Thermoplastic with metal lever	A.53-55
Specialized Applications	
Hygienic series for food and beverage	A.94-96

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



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



For applications requiring higher voltages, please see the special voltage application section on page A.21