

CD 7 poles + 10A - 250V

enclosures:
size "21.21"

page:

Insulating type

339 - 348

inserts, crimp connections



**10A crimp contacts
silver and gold plated**



description			part No.	part No.	part No.	part No.
without contacts (to be ordered separately)			grey	black		
female inserts for female contacts, grey and black ¹⁾			CDF 07	CDF 07 N		
male inserts for male contacts, grey and black			CDM 07	CDM 07 N		
10A female contacts						
0,14-0,37 mm ²	AWG 26-22	identification No. 1			CDFA 0.3	CDFD 0.3
0,5 mm ²	AWG 20	identification No. 2			CDFA 0.5	CDFD 0.5
0,75 mm ²	AWG 18	identification No. ②			CDFA 0.7	CDFD 0.7
1 mm ²	AWG 18	identification No. 3			CDFA 1.0	CDFD 1.0
1,5 mm ²	AWG 16	identification No. 4			CDFA 1.5	CDFD 1.5
2,5 mm ²	AWG 14	identification No. 5			CDFA 2.5	CDFD 2.5
					silver plated	
10A male contacts						
0,14-0,37 mm ²	AWG 26-22	identification No. 1			CDMA 0.3	CDMD 0.3
0,5 mm ²	AWG 20	identification No. 2			CDMA 0.5	CDMD 0.5
0,75 mm ²	AWG 18	identification No. ②			CDMA 0.7	CDMD 0.7
1 mm ²	AWG 18	identification No. 3			CDMA 1.0	CDMD 1.0
1,5 mm ²	AWG 16	identification No. 4			CDMA 1.5	CDMD 1.5
2,5 mm ²	AWG 14	identification No. 5			CDMA 2.5	CDMD 2.5
						gold plated+

1) the female inserts can be mounted into the straight bulkhead housings CK I from the rear

- characteristics according to EN 61984:

10A 250V 4kV 3

10A	230/400V	4kV	2
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- cUL[®]us (UL for USA and Canada),

BUREAU VERITAS EAC certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: $\geq 10 \text{ G}\Omega$

- ambient temperature limit: -40 °C ... +125 °C

- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

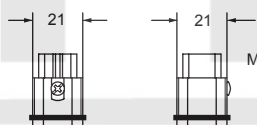
- contact resistance: $\leq 3 \text{ m}\Omega$

- for applications requiring higher voltages, please see

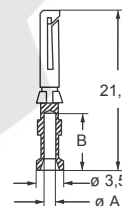
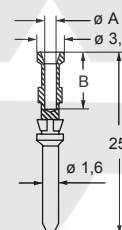
the special voltage application section on page 65

- it is recommended to crimp the contacts with **crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)

- for max. current load see the connector inserts derating diagram below; for more information see page 28



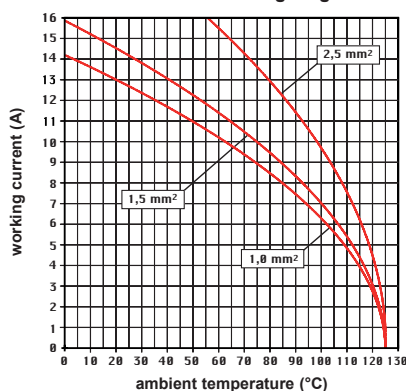
contacts side (front view)



CDF and CDM contacts

conductor section mm ²	conductor slot ø A (mm)	conductors 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

CD 07 poles connector inserts
Maximum current load derating diagram



**CR CP coding pin
with loss of one contact
(page 689)**



+ for basic or high thickness gold plating, please refer to page 674