

CDD 72 poles + $\oplus$ 10A - 250V

enclosures:
size "77.27"

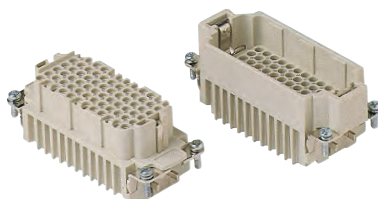
page:

C-TYPE IP65/IP66	402 - 411
C7 IP67, two levers	439 - 440
V-TYPE IP65/IP66, single lever	454 - 458
BIG hoods	470 - 471
T-TYPE IP65 insulating	484 - 485
T-TYPE / W IP66/IP69 insulating	491
HYGIENIC T-TYPE / H IP66/IP69	503
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	508
W-TYPE for aggressive environments	523
E-Xtreme® corrosion proof	534 - 535, 544, 554 - 555
EMC	580
Central lever	609 - 611
LS-TYPE	622 - 623
IP68	640 - 643

panel supports:
COB

page:
652 - 653

inserts, crimp connections



10A crimp contacts silver and gold plated



PCBs interface, see article CIF 2.4 on page 670

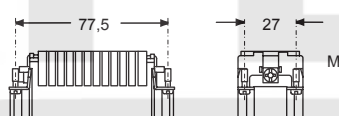
description	part No.	part No.	part No.
without contacts (to be ordered separately)			
female inserts for female contacts	CDDF 72		
male inserts for male contacts	CDDM 72		
10A female contacts			
0,14-0,37 mm ² AWG 26-22 identification No. 1		CDFA 0.3	CDFD 0.3
0,5 mm ² AWG 20 identification No. 2		CDFA 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
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

- characteristics according to EN 61984:

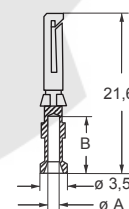
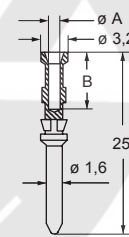
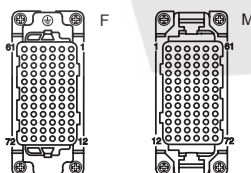
10A 250V 4kV 2

- (UL for USA and Canada), 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 75
- **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



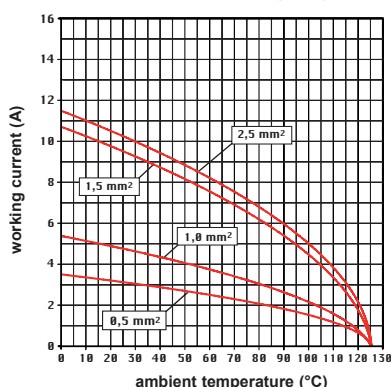
contacts side (front view)



CDF and CDM contacts

conductor section mm ²	conductor slot ϕA (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

CDD 72 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