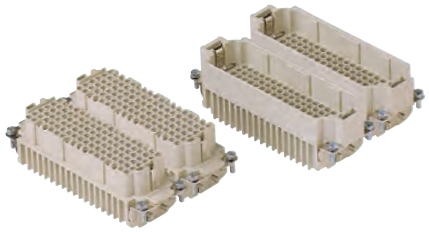
CDD 216 poles + ⏚ 10A - 250V

enclosures:
size "104.62" **page:**

C-TYPE IP65/IP66 **430**
W-TYPE for aggressive environments **526**
E-Xtreme® corrosion proof **547**

inserts, crimp connections



10A crimp contacts
silver and gold plated

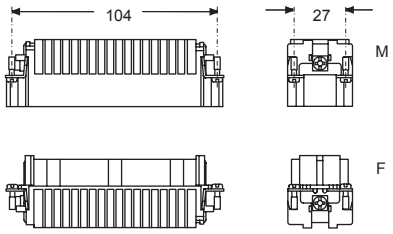
PCBs interface, see article CIF 2.4 on page 670

description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately)				
female inserts, No. (1-108) and (109-216)	**CDDF 108**	**CDDF 108 N**		
male inserts, No. (1-108) and (109-216)	**CDDM 108**	**CDDM 108 N**		
10A female contacts				
0,14-0,37 mm² AWG 26-22 identification No. 1			**CDFA 0.3**	**CDFD 0.3**
0,5 mm² AWG 20 identification No. 2			**CDFA 0.5**	**CDFD 0.5**
0,75 mm² AWG 18 identification No. ②			**CDFA 0.7**	**CDFD 0.7**
1 mm² AWG 18 identification No. 3			**CDFA 1.0**	**CDFD 1.0**
1,5 mm² AWG 16 identification No. 4			**CDFA 1.5**	**CDFD 1.5**
2,5 mm² AWG 14 identification No. 5			**CDFA 2.5**	**CDFD 2.5**
10A male contacts				
0,14-0,37 mm² AWG 26-22 identification No. 1			**CDMA 0.3**	**CDMD 0.3**
0,5 mm² AWG 20 identification No. 2			**CDMA 0.5**	**CDMD 0.5**
0,75 mm² AWG 18 identification No. ②			**CDMA 0.7**	**CDMD 0.7**
1 mm² AWG 18 identification No. 3			**CDMA 1.0**	**CDMD 1.0**
1,5 mm² AWG 16 identification No. 4			**CDMA 1.5**	**CDMD 1.5**
2,5 mm² AWG 14 identification No. 5			**CDMA 2.5**	**CDMD 2.5**

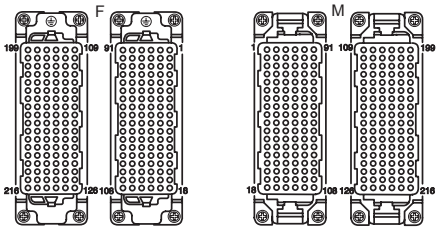
silver plated

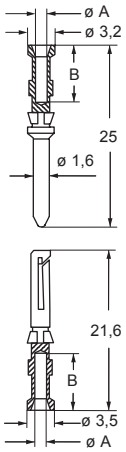
gold plated+

- characteristics according to EN 61984:
  10A 250V 4kV 2
- c UL us (UL for USA and Canada), SEV cec DNV·GL BUREAU VERITAS EAC certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- 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)

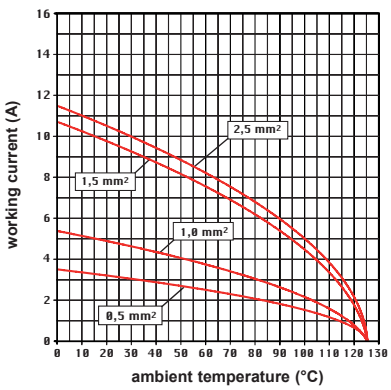




CDF and CDM contacts

conductor section mm²	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

CDD 216 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