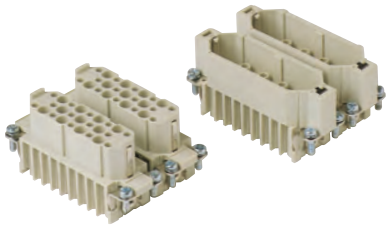
CD 50 poles + ⏚ 10A - 250V

enclosures:
size "66.40" **page:**

C-TYPE IP65/IP66	**431 - 434**
W-TYPE for aggressive environments	**527**
E-Xtreme® corrosion proof	**548**

inserts, crimp connections



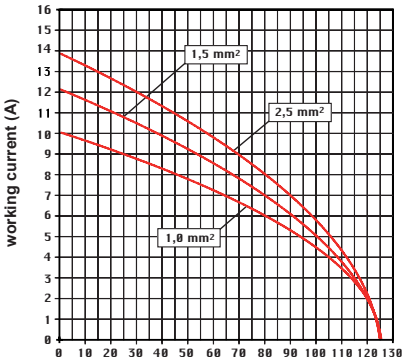
10A crimp contacts silver and gold plated

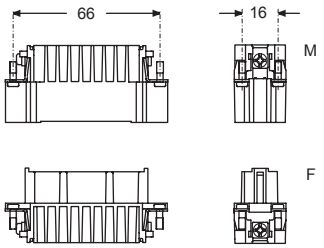
description			part No.	part No.	part No. silver plated	part No. gold plated✢
without contacts (to be ordered separately)						
female inserts, No. (A1÷C9) and (ZA1÷ZC9) *			**CDF 25**	**CDF 25 Z**		
male inserts, No. (A1÷C9) and (ZA1÷ZC9) *			**CDM 25**	**CDM 25 Z**		
10A female contacts						
0,14-0,37 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**

* coding compliant with EUROMAP recommendations

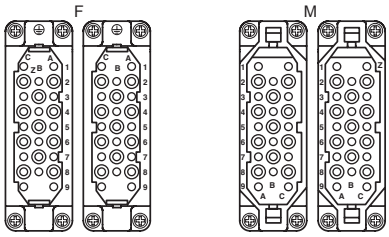
- characteristics according to EN 61984:
  10A 250V 4kV 3
  10A 230/400V 4kV 2
- c UL us (UL for USA and Canada), CSA, cec, DNV·GL, BUREAU VERITAS, EAC certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing 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 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

CD 50 poles connector inserts
Maximum current load derating diagram

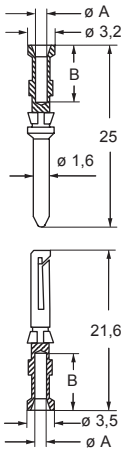




contacts side (front view)



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



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

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