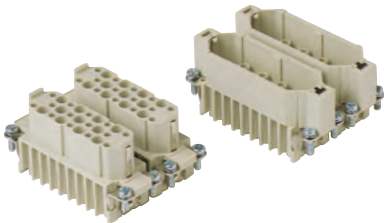


CD 50 poles + $\oplus$ 10A - 250V

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



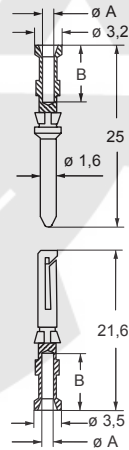
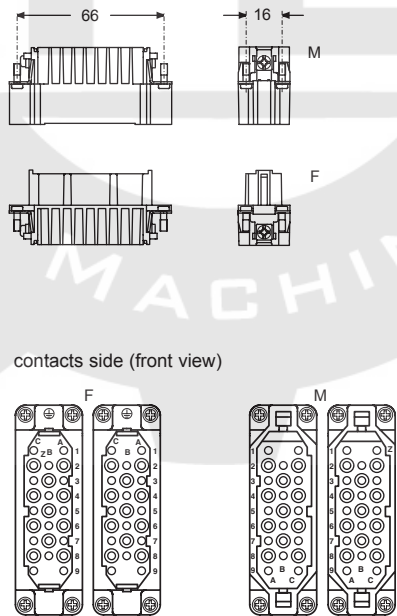
10A crimp contacts
silver and gold plated



description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts, No. (A1÷C9) and (ZA1÷ZC9) * male inserts, No. (A1÷C9) and (ZA1÷ZC9) *	CDF 25 CDM 25	CDF 25 Z CDM 25 Z		
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

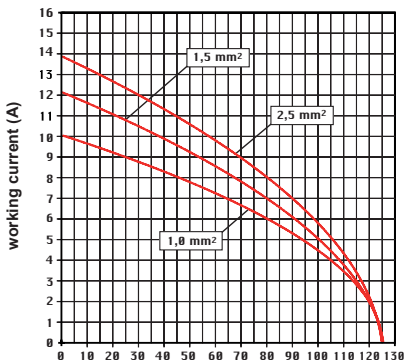
* coding compliant with EUROMAP recommendations

- characteristics according to EN 61984:
10A 250V 4kV 3
10A 230/400V 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: $-40\text{ }^{\circ}\text{C} \dots +125\text{ }^{\circ}\text{C}$
- 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



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 50 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