

CCE 48 poles + ⊕ 16A - 500V

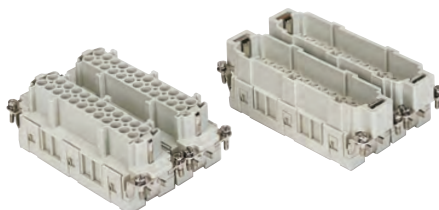
enclosures:
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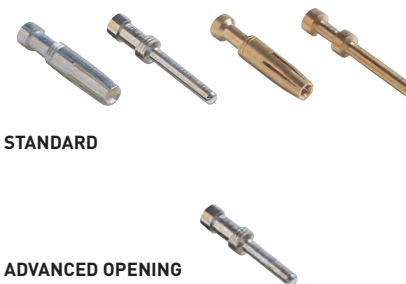
C-TYPE IP65/IP66
W-TYPE for aggressive environments
E-Xtreme® corrosion proof

430
526
547

inserts, crimp connections



16A crimp contacts standard or for advanced opening silver and gold plated



STANDARD

ADVANCED OPENING

description	part No.	part No.	part No.
without contacts (to be ordered separately)			
female inserts for female contacts, No. (1-24) and (25-48)	CCEF 24	CCEF 24 N	
male inserts for male contacts, No. (1-24) and (25-48)	CCEM 24	CCEM 24 N	
16A female contacts			
0,14-0,37 mm ² AWG 26-22 one groove		CCFA 0.3	CCFD 0.3
0,5 mm ² AWG 20 with no grooves		CCFA 0.5	CCFD 0.5
0,75 mm ² AWG 18 one groove (back side)		CCFA 0.7	CCFD 0.7
1 mm ² AWG 18 one groove		CCFA 1.0	CCFD 1.0
1,5 mm ² AWG 16 two grooves		CCFA 1.5	CCFD 1.5
2,5 mm ² AWG 14 three grooves		CCFA 2.5	CCFD 2.5
3 mm ² AWG 12 one wide groove		CCFA 3.0	CCFD 3.0
4 mm ² AWG 12 with no grooves		CCFA 4.0	CCFD 4.0
16A male contacts			
0,14-0,37 mm ² AWG 26-22 one groove		CCMA 0.3	CCMD 0.3
0,5 mm ² AWG 20 with no grooves		CCMA 0.5	CCMD 0.5
0,75 mm ² AWG 18 one groove (back side)		CCMA 0.7	CCMD 0.7
1 mm ² AWG 18 one groove		CCMA 1.0	CCMD 1.0
1,5 mm ² AWG 16 two grooves		CCMA 1.5	CCMD 1.5
2,5 mm ² AWG 14 three grooves		CCMA 2.5	CCMD 2.5
3 mm ² AWG 12 one wide groove		CCMA 3.0	CCMD 3.0
4 mm ² AWG 12 with no grooves		CCMA 4.0	CCMD 4.0
16A male crimp contacts for advanced opening			
0,5 mm ² AWG 20 with no grooves		CC 0.5 AN	* for basic or high thickness gold plating, please refer to page 675
0,75 mm ² AWG 18 one groove (back side)		CC 0.7 AN	
1 mm ² AWG 18 one groove		CC 1.0 AN	
1,5 mm ² AWG 16 two grooves		CC 1.5 AN	
2,5 mm ² AWG 14 three grooves		CC 2.5 AN	

- characteristics according to EN 61984:

16A 500V 6kV 3
16A 400/690V 6kV 2

- certified

- rated voltage according to UL/CSA: 600V

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

- ambient temperature limit: $-40^\circ\text{C} \dots +125^\circ\text{C}$

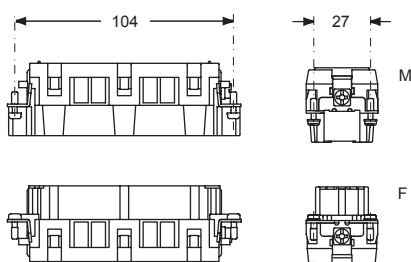
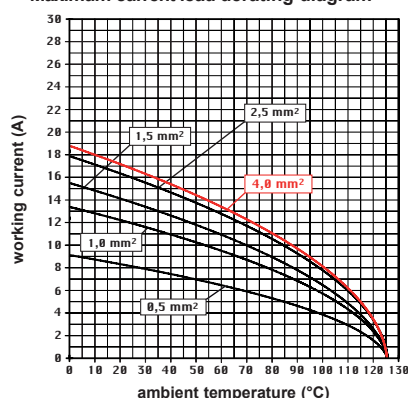
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

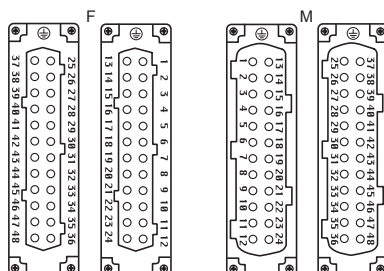
- contact resistance: $\leq 1 \text{ m}\Omega$

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

CCE 48 poles connector inserts
Maximum current load derating diagram

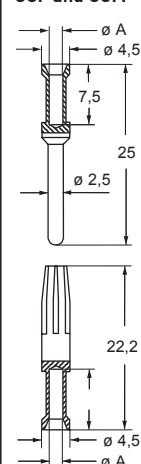


contacts side (front view)

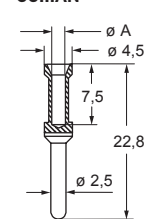


- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 16A contacts, CCF, CCM and CC...AN series on pages 708 - 741)

CCF and CCM



CC...AN



CCF, CCM and CC...AN contacts

conductor section mm ²	conductor slot ϕA (mm)	conductors stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5