

CQE 46 poles + ⊕ 16A - 500V

enclosures: size "104.27"	page:
C-TYPE IP65/IP66	412 - 423
C7 IP67, two levers	441 - 442
V-TYPE IP65/IP66, single lever	459 - 463
BIG hoods	472 - 473
T-TYPE IP65 insulating	486 - 487
T-TYPE / W IP66/IP69 insulating	492
HYGIENIC T-TYPE / H IP66/IP69	504
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	509
W-TYPE for aggressive environments	524
E-Xtreme® corrosion proof	536 - 537, 545, 556 - 557
EMC	581
Central lever	612 - 614
LS-TYPE	624 - 625
IP68	644 - 647

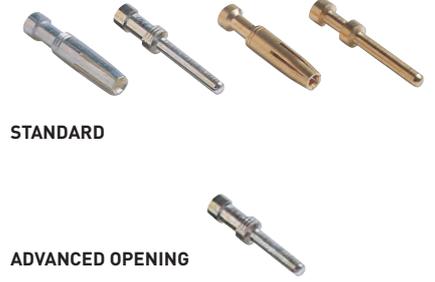
panel supports:	page:
COB	652 - 653

- for applications requiring higher voltages, please see the special voltage application section on page 167

inserts, crimp connections

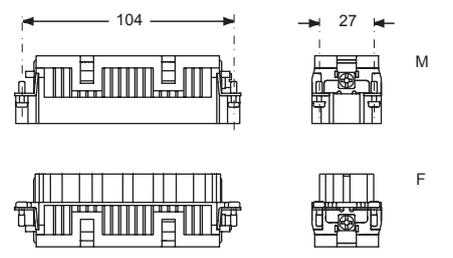
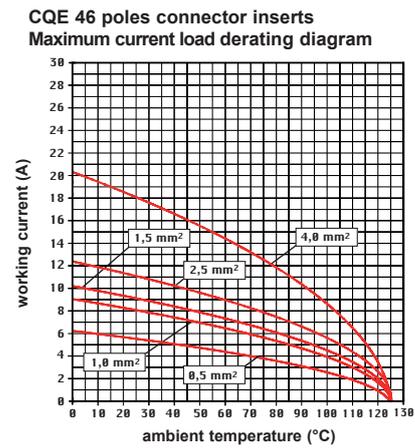


16A crimp contacts standard or for advanced opening silver and gold plated

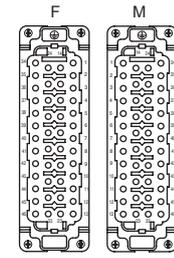


description	part No.	part No.
without contacts (to be ordered separately)		
female inserts for female contacts	CQEF 46	
male inserts for male contacts	CQEM 46	
16A female contacts		
0,14-0,37 mm ² AWG 26-22 one groove		CCFA 0.3
0,5 mm ² AWG 20 with no grooves		CCFA 0.5
0,75 mm ² AWG 18 one groove (back side)		CCFA 0.7
1 mm ² AWG 18 one groove		CCFA 1.0
1,5 mm ² AWG 16 two grooves		CCFA 1.5
2,5 mm ² AWG 14 three grooves		CCFA 2.5
3 mm ² AWG 12 one wide groove		CCFA 3.0
4 mm ² AWG 12 with no grooves		CCFA 4.0
		silver plated
		gold plated+:
		CCFD 0.3
		CCFD 0.5
		CCFD 0.7
		CCFD 1.0
		CCFD 1.5
		CCFD 2.5
		CCFD 3.0
		CCFD 4.0
16A male contacts		
0,14-0,37 mm ² AWG 26-22 one groove		CCMA 0.3
0,5 mm ² AWG 20 with no grooves		CCMA 0.5
0,75 mm ² AWG 18 one groove (back side)		CCMA 0.7
1 mm ² AWG 18 one groove		CCMA 1.0
1,5 mm ² AWG 16t wo grooves		CCMA 1.5
2,5 mm ² AWG 14 three grooves		CCMA 2.5
3 mm ² AWG 12 one wide groove		CCMA 3.0
4 mm ² AWG 12 with no grooves		CCMA 4.0
		CCMD 0.3
		CCMD 0.5
		CCMD 0.7
		CCMD 1.0
		CCMD 1.5
		CCMD 2.5
		CCMD 3.0
		CCMD 4.0
16A male crimp contacts for advanced opening		
0,5 mm ² AWG 20 with no grooves		CC 0.5 AN
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
		+ for basic or high thickness gold plating, please refer to page 675

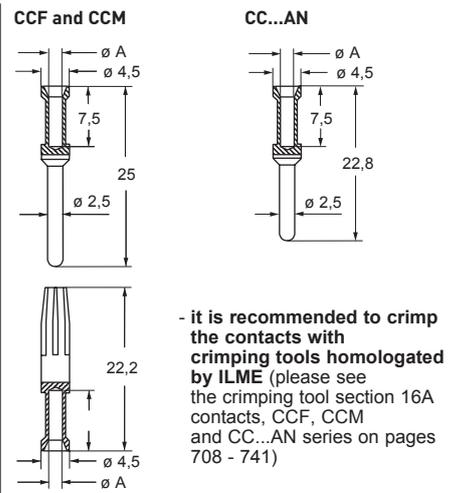
- characteristics according to EN 61984:
16A 500V 6kV 3
16A 830V 8kV 2
- (UL for USA and Canada), certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ
- for max. current load see the connector inserts derating diagram below; for more information see page 28



contacts side (front view)



CR CPQ coding pins (page 689)



CCF, CCM and CC...AN contacts

conductor section mm ²	conductor slot ø A (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