

CQE 18

16 A 500 V

size **57.27**

18 poles +

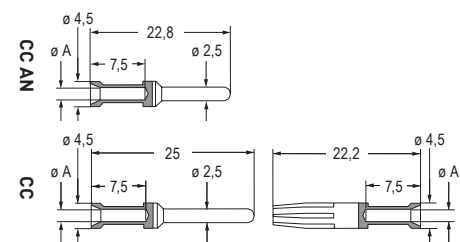
Crimp connection

EN 61984 rating	16 A 500 V 6 kV 3
	16 A 830 V 8 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC

ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CQEM 18	
	Female inserts for female contacts Without contacts (to be ordered separately)	CQEF 18	
	16 A advanced opening contacts section (mm ²) section (AWG) 0,5 20 0,75 18 1 18 1,5 16 2,5 14	Male CC 0.5 AN CC 0.7 AN CC 1.0 AN CC 1.5 AN CC 2.5 AN	Female CCMA 0.3 CCFA 0.3 CCMA 0.5 CCFA 0.5 CCMA 0.7 CCFA 0.7 CCMA 1.0 CCFA 1.0 CCMA 1.5 CCFA 1.5 CCMA 2.5 CCFA 2.5 CCMA 3.0 CCFA 3.0 CCMA 4.0 CCFA 4.0
	16 A crimp contacts section (mm ²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12	 CCMA 0.3 CCFA 0.3 CCMA 0.5 CCFA 0.5 CCMA 0.7 CCFA 0.7 CCMA 1.0 CCFA 1.0 CCMA 1.5 CCFA 1.5 CCMA 2.5 CCFA 2.5 CCMA 3.0 CCFA 3.0 CCMA 4.0 CCFA 4.0	 CCMD 0.3 CCFD 0.3 CCMD 0.5 CCFD 0.5 CCMD 0.7 CCFD 0.7 CCMD 1.0 CCFD 1.0 CCMD 1.5 CCFD 1.5 CCMD 2.5 CCFD 2.5 CCMD 3.0 CCFD 3.0 CCMD 4.0 CCFD 4.0



Wiring information, CC contacts

conductor section (mm ²)	conductor slot ϕA (mm)	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
3,0	2,55	7,5
4,0	2,85	7,5

Wire diameter: up to 4,7 mm.

For basic or high thickness gold plating, please refer to page F.13.

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver and gold plated



CR CPQ

Coding pins
Page G.3

Enclosures size 57.27

Pages

Heavy-Duty Applications

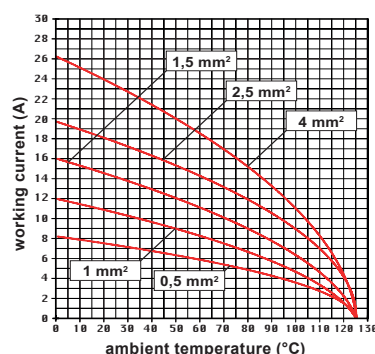
Metallic with C-TYPE lever	E.54-61
Metallic with IL-BRID lever	E.92-95,105
Metallic with JEI®-P lever	E.113-114,119
Metallic with V-TYPE IP67 lever	E.125,130-131
Thermoplastic T-TYPE	E.228-229,234-235

Aggressive Environments

Metallic IP68 high protection	E.144-145
Metallic W-TYPE	E.156-157,163
Metallic E-Xtreme®	E.176-177,184-185,195
Thermoplastic T-TYPE/W	E.228-229,234-235

Specialized Applications

EMC (Electromagnetic Shielding)	E.210-211,217
Hygienic series for food and beverage	E.245,248
Standard applications with Central lever	E.256-257
BIG Enclosures for multiple cable entries	E.269,274-275
COB system for switch cabinet	E.286-289
Light and Sound applications with JEI®-P lever	E.298-299



CQE 18 inserts max. current load derating diagram

For applications requiring higher voltages, please see the special voltage application section on page B.65