

CQE 46

16 A 500 Vsize **104.27****46 poles + ⊕**

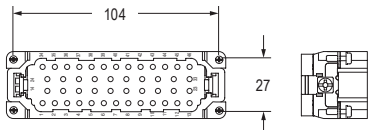
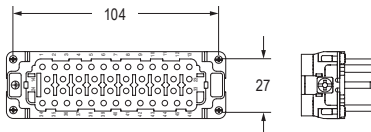
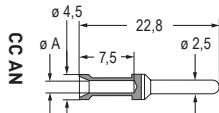
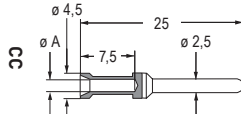
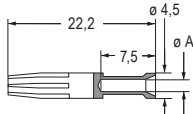
Crimp connection

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 46																													
	Female inserts for female contacts Without contacts (to be ordered separately)	CQEF 46																													
	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   																												
	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 <table><tr><th>conductor section (mm²)</th><th>conductor slot ø A (mm)</th><th>stripping length (mm)</th></tr><tr><td>0,14-0,37</td><td>0,9</td><td>7,5</td></tr><tr><td>0,5</td><td>1,1</td><td>7,5</td></tr><tr><td>0,75</td><td>1,3</td><td>7,5</td></tr><tr><td>1,0</td><td>1,45</td><td>7,5</td></tr><tr><td>1,5</td><td>1,8</td><td>7,5</td></tr><tr><td>2,5</td><td>2,2</td><td>7,5</td></tr><tr><td>3,0</td><td>2,55</td><td>7,5</td></tr><tr><td>4,0</td><td>2,85</td><td>7,5</td></tr></table> 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)	conductor section (mm ²)	conductor slot ø A (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
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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 104.27

Pages

Heavy-Duty Applications

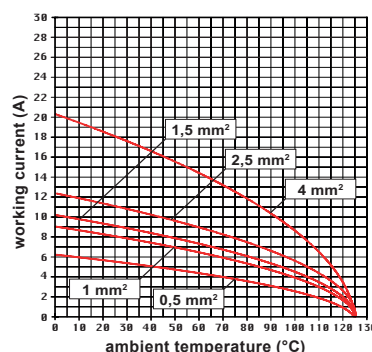
Metallic with C-TYPE lever	E.70-77
Metallic with IL-BRID lever	E.100-103,107
Metallic with JEI®-P lever	E.117-119
Metallic with V-TYPE IP67 lever	E.127,134-135
Thermoplastic T-TYPE	E.232-235

Aggressive Environments

Metallic IP68 high protection	E.148-149
Metallic W-TYPE	E.160-161,165
Metallic E-Xtreme®	E.180-181,188-189,197
Thermoplastic T-TYPE/W	E.232-235

Specialized Applications

EMC (Electromagnetic Shielding)	E.214-215,219
Hygienic series for food and beverage	E.247-248
Standard applications with Central lever	E.260-261
BIG Enclosures for multiple cable entries	E.271,278-279
COB system for switch cabinet	E.286-289
Light and Sound applications with JEI®-P lever	E.302-303



CQE 46 inserts max. current load derating diagram

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