

CQE 32 + CQE 32 N

16 A 500 V

size **77.62**
64 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



CRAUS

ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts, No. (1-32) Male inserts, No. (33-64) Without contacts (to be ordered separately)	CQEM 32 CQEM 32 N	
	Female inserts, No. (1-32) Female inserts, No. (33-64) Without contacts (to be ordered separately)	CQEF 32 CQEF 32 N	
	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	
	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	Female CCFA 0.3 CCFA 0.5 CCFA 0.7 CCFA 1.0 CCFA 1.5 CCFA 2.5 CCFA 3.0 CCFA 4.0	
	0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12	CCMD 0.3 CCMD 0.5 CCMD 0.7 CCMD 1.0 CCMD 1.5 CCMD 2.5 CCMD 3.0 CCMD 4.0	

Wiring information, CC contacts

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

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 77.62

Pages

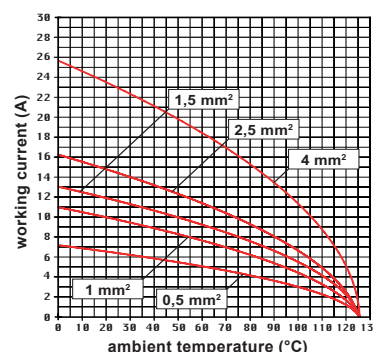
Heavy-Duty Applications

Metallic with C-TYPE lever E.78-83

Aggressive Environments

Metallic W-TYPE with C-TYPE lever E.166-167

Metallic E-Xtreme® with C-TYPE lever E.190-191



CQE 32 inserts max. current load derating diagram

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