

Part number

CQEF 32



Female insert, CQE series, crimp connection, 32 poles + PE, 16 A 500 V 6 kV 3, size "77.27"

Product description

Product type	Insert
Series	CQE
Connection type	Crimp connection
Gender	Female
N. of poles	32 poles +
Size	Size 77.27

Technical data

Current	16 A
Voltage	500 V
Rated impulse withstand voltage	6 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure

Further technical details

Characteristics according to EN 61984	16A 500V 6kV 3; 16A 830V 8kV 2
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Weight	64,60 g
Operating temperature range (min, max)	-40 °C ... +125 °C
UL 94 flammability rating	V-0

Material properties

Main material	Polycarbonate (PC)
Colour	RAL 7032 grey
RoHs conformity	Compliant
China RoHs - EFUP	E
REACH SVHC substances	No

Approvals / Standards

Reference standard	EN 61984:2009-06
Certifications	CSA, CQC, DNV, BV, EAC
UL	ECBT2
cUL	ECBT8

General ordering information

EAN13 code	8015747037082
eCl@ss 8.1	27440205
ETIM 7.0	EC000438

Packaging Information

Packaging length	230,00 mm
Packaging height	110,00 mm
Packaging width	180,00 mm
Packaging weight	2,35 kg
Packaging volume	4,55 dm ³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747208819
Sub-packaging length	87,00 mm
Sub-packaging height	36,00 mm
Sub-packaging width	180,00 mm
Sub-packaging weight	0,39 kg
Sub-packaging volume	0,56 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747037099

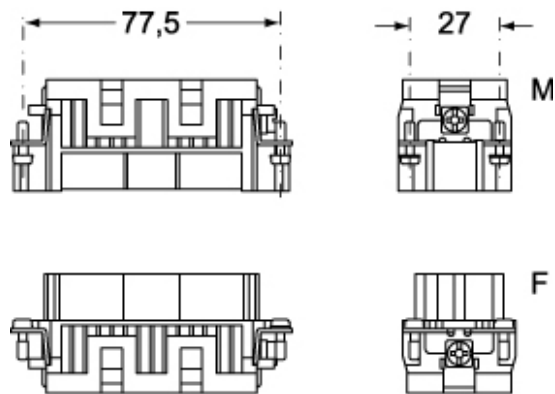
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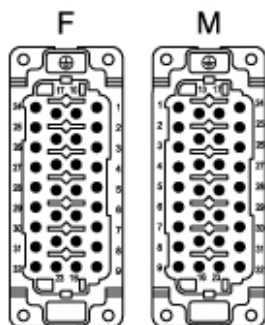


Catalogue drawings

CQEM

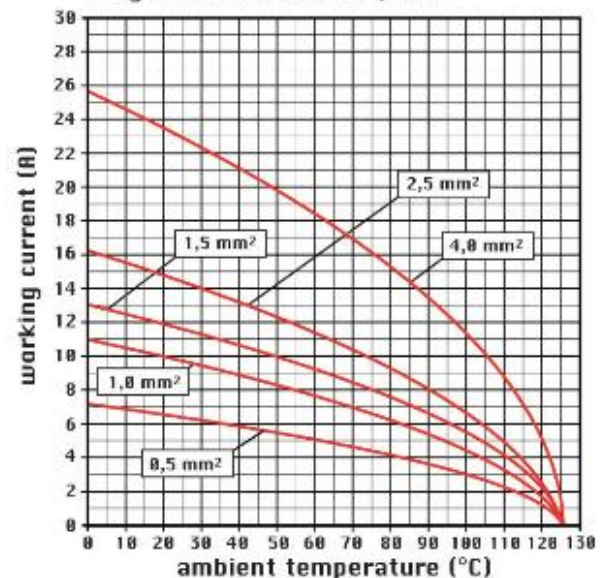


CQEF



Catalogue drawings

diagram CQE 32 and 64 poles



Notes

CQEF/M 32 inserts:

- characteristics according to EN 61984:
(16A 500V 6kV 3)
(16A 830V) 8kV 2)
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 1 mOhm
- for contact crimping instructions, please see the crimping tool section (16A contacts, CCF, CCM and CC...AN series) .
- enclosures: size "77.27":
C-TYPE IP65/IP66
C7 IP67 stainless steel lever
V-TYPE IP65/IP66

- stainless steel lever
- T-TYPE IP65 insulating
- JEI zinc-plated steel lever
- BIG hoods
- W-TYPE aggressive environments
- EMC
- central lever
- IP68
- panel supports: page:COB

Dimensions shown in mm are not binding and may be changed without notice.

California Proposition 65 Information



WARNING

This product can expose you to nickel compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to www.P65Warnings.ca.gov.
