


Part number

# CQEF 32 N



Female insert, CQE series, crimp connection, 32 poles + PE (33-64), 16 A 500 V 6 kV 3, size "77.62"

#### Product description

|                        |  |
|------------------------|--|
| <b>Product type</b>    | Insert   |
| <b>Series</b>          | CQE  |
| <b>Connection type</b> | Crimp connection   |
| <b>Gender</b>          | Female   |
| <b>N. of poles</b>     | 64 poles +  |
| <b>Size</b>            | Size 77.62   |

#### Technical data

|  |  |
|--|--|
| <b>Current</b>                           | 16 A   |
| <b>Voltage</b>                           | 500 V  |
| <b>Rated impulse withstand voltage</b>   | 6 kV   |
| <b>Pollution degree</b>                  | 3  |
| <b>Rated voltage according to UL/CSA</b> | 600 V  |
| <b>Pole numbering system</b>             | 33-64  |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66 with enclosure |

#### Further technical details

|   |                                |
|---|--------------------------------|
| <b>Characteristics according to EN 61984</b>  | 16A 500V 6kV 3; 16A 830V 8kV 2 |
| <b>Mating cycles</b>                          | ≥ 500                          |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ                        |
| <b>Contact resistance</b>                     | ≤ 1 mΩ                         |
| <b>Weight</b>                                 | 67,00 g                        |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C             |
| <b>UL 94 flammability rating</b>              | V-0                            |

#### Material properties

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

#### Approvals / Standards

|                           |                        |
|---------------------------|------------------------|
| <b>Reference standard</b> | EN 61984:2009-06       |
| <b>Certifications</b>     | CSA, CQC, DNV, BV, EAC |
| <b>UL</b>                 | ECBT2                  |
| <b>cUL</b>                | ECBT8                  |

#### General ordering information

|                   |               |
|-------------------|---------------|
| <b>EAN13 code</b> | 8015747037105 |
| <b>eCl@ss 8.1</b> | 27440205      |
| <b>ETIM 7.0</b>   | EC000438      |

#### Packaging Information

|                                  |                      |
|----------------------------------|----------------------|
| <b>Sub-packaging length</b>      | 87,00 mm             |
| <b>Sub-packaging height</b>      | 36,00 mm             |
| <b>Sub-packaging width</b>       | 180,00 mm            |
| <b>Sub-packaging weight</b>      | 0,34 kg              |
| <b>Sub-packaging volume</b>      | 0,56 dm <sup>3</sup> |
| <b>Sub-packaging description</b> | Carton tray          |
| <b>Sub-packaging quantity</b>    | 5 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747037112        |

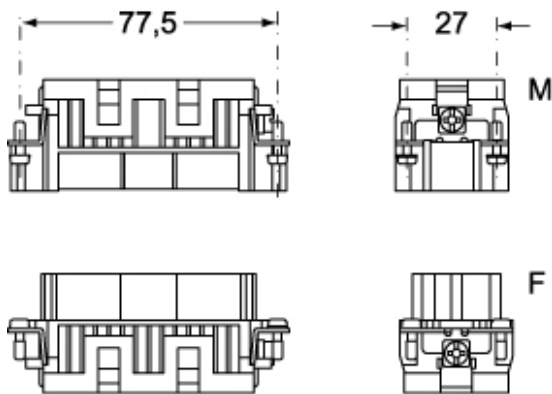
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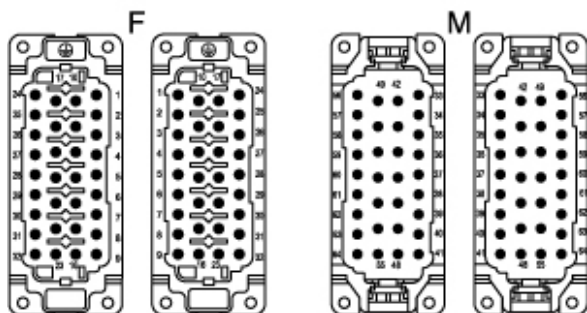


Catalogue drawings

## CQEM

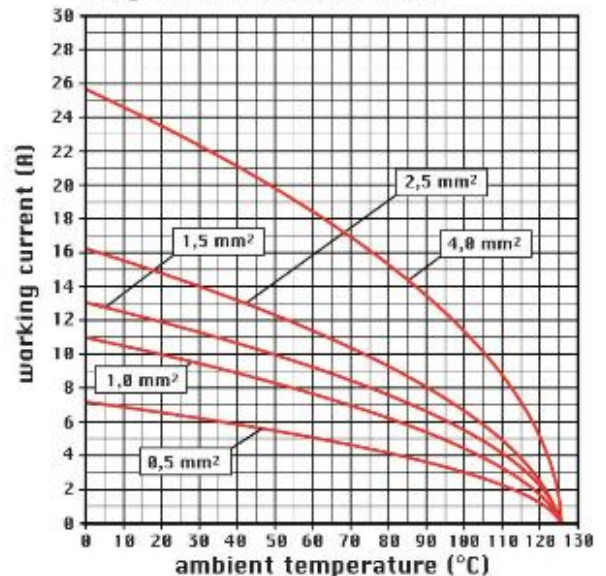


## CQEF



Catalogue drawings

diagram CQE 32 and 64 poles



## Notes

CQEF/M 32 N 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 "77.62":  
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](http://www.P65Warnings.ca.gov).

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