

Part number

# CQM 08E



Male insert, CQ series, crimp connection, 8 poles + PE, 16 A 500 V 6 kV 3, size "32.13", with PE plate

| Product description                           |   |
|---|---|
| <b>Product type</b>                           | Insert  |
| <b>Series</b>                                 | CQ  |
| <b>Connection type</b>                        | Crimp connection                                      |
| <b>Gender</b>                                 | Male  |
| <b>N. of poles</b>                            | 8 poles + $\oplus$                                    |
| <b>Size</b>                                   | Size "32.13"  |
| <b>Specification</b>                          | With PE plate   |
| 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>Wire cross-section</b>                     | 0,14 mm <sup>2</sup> - 4,00 mm <sup>2</sup>           |
| <b>AWG size</b>                               | 26 - 12   |
| <b>IP degree of protection</b>                | IP20 without enclosure, IP66/IP67/IP69 with enclosure |
| Further technical details                     |   |
| <b>Characteristics according to EN 61984</b>  | 16A 500V 6kV 3; 16A 400/690V 6kV 2                    |
| <b>Mating cycles</b>                          | ≥ 500   |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ   |
| <b>Contact resistance</b>                     | ≤ 1 mΩ  |
| <b>Weight</b>                                 | 16,00 g   |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                                    |
| <b>UL 94 flammability rating</b>              | V-0   |

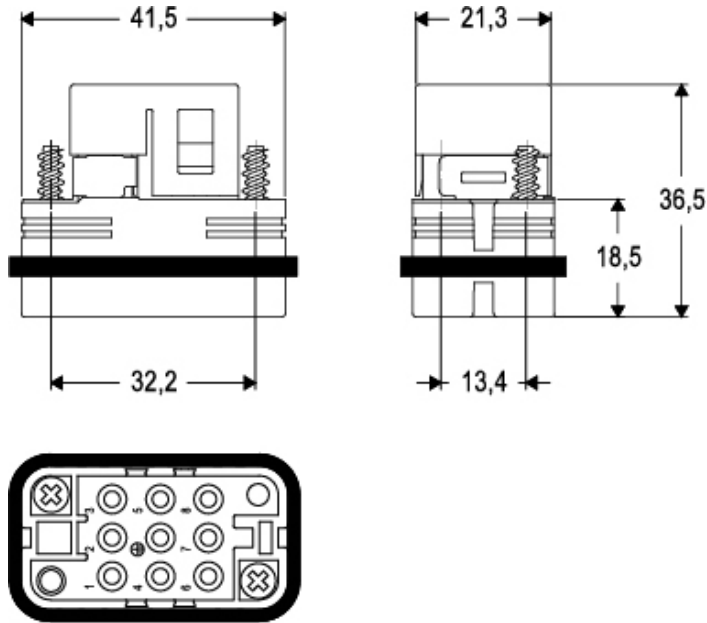
| Material properties              |                      |
|----------------------------------|----------------------|
| <b>Main material</b>             | Polycarbonate (PC)   |
| <b>Other materials</b>           | Gasket: NBR          |
| <b>Colour</b>                    | RAL 7032 grey        |
| <b>RoHs conformity</b>           | Compliant            |
| <b>China RoHs - EFUP</b>         | E                    |
| <b>REACH SVHC substances</b>     | No                   |
| Approvals / Standards            |                      |
| <b>Certifications</b>            | DNV                  |
| General ordering information     |                      |
| <b>EAN13 code</b>                | 8015747284554        |
| <b>eCl@ss 8.1</b>                | 27440205             |
| <b>ETIM 7.0</b>                  | EC000438             |
| Packaging Information            |                      |
| <b>Packaging length</b>          | 245,00 mm            |
| <b>Packaging height</b>          | 165,00 mm            |
| <b>Packaging width</b>           | 215,00 mm            |
| <b>Packaging weight</b>          | 1,11 kg              |
| <b>Packaging volume</b>          | 8,69 dm <sup>3</sup> |
| <b>Packaging description</b>     | Carton box           |
| <b>Packaging quantity</b>        | 50 Pcs               |
| <b>Packaging EAN code</b>        | 8015747284592        |
| <b>Sub-packaging weight</b>      | 0,02 kg              |
| <b>Sub-packaging description</b> | Plastic bag          |
| <b>Sub-packaging quantity</b>    | 1 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747140065        |

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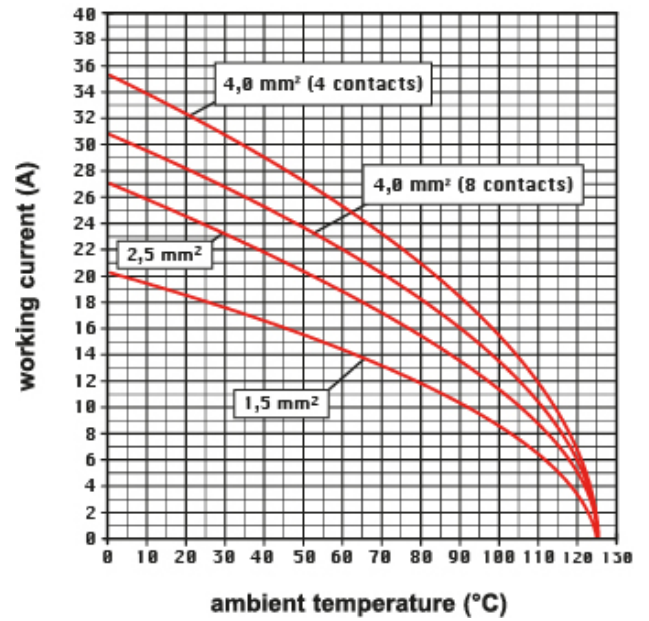


## Catalogue drawings



## Derating curves

**CQ..E 8 poles connector inserts**  
**Maximum current load derating diagram**



## Notes