

Part number

# CMEM 16



Male insert, CME series, screw terminal connection, 16 + 2 poles + PE, 16 A 400/690 V 6 kV 3 / 16 A 500 V 6 kV 3, size "104.27"

| Product description                    |                                                                                              | Material properties          |                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                       | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CME                                                                                          | Other materials              | Contacts: copper alloy                                                         |
| Connection type                        | Screw terminal connection                                                                    | Colour                       | RAL 7032 grey                                                                  |
| Gender                                 | Male                                                                                         | RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| N. of poles                            | 16 poles +  | China RoHs - EFUP            | 50                                                                             |
| Auxiliary poles                        | 2 poles                                                                                      | REACH SVHC substances        | Yes                                                                            |
| Size                                   | Size "104.27"                                                                                | Lead                         | Lead                                                                           |
| Technical data                         |                                                                                              | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 16 A                                                                                         | Approvals / Standards        |                                                                                |
| Voltage                                | 400 - 690 V                                                                                  | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 6 kV                                                                                         | Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| Pollution degree                       | 3                                                                                            | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600V                                                                                         | cUL                          | ECBT8                                                                          |
| Wire cross-section                     | 0,75 mm <sup>2</sup> - 2,50 mm <sup>2</sup>                                                  | General ordering information |                                                                                |
| AWG size                               | 18 - 14                                                                                      | EAN13 code                   | 8015747140584                                                                  |
| Contact type                           | Turned silver plated                                                                         | ETIM 7.0                     | EC000438                                                                       |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure                                             | Packaging Information        |                                                                                |
| Further technical details              |                                                                                              | Sub-packaging length         | 113,00 mm                                                                      |
| Characteristics according to EN 61984  | 16A 400/690V 6kV 3 (aux: 16A 500V 6kV 3); 16A 1000V 8kV 2 (power contacts only)              | Sub-packaging height         | 36,00 mm                                                                       |
| Mating cycles                          | ≥ 500                                                                                        | Sub-packaging width          | 180,00 mm                                                                      |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      | Sub-packaging weight         | 0,50 kg                                                                        |
| Weight                                 | 100,00 g                                                                                     | Sub-packaging volume         | 0,73 dm <sup>3</sup>                                                           |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                           | Sub-packaging description    | Carton tray                                                                    |
| UL 94 flammability rating              | V-0                                                                                          | Sub-packaging quantity       | 5 Pcs                                                                          |
|                                        |                                                                                              | Sub-packaging EAN barcode    | 8015747167604                                                                  |

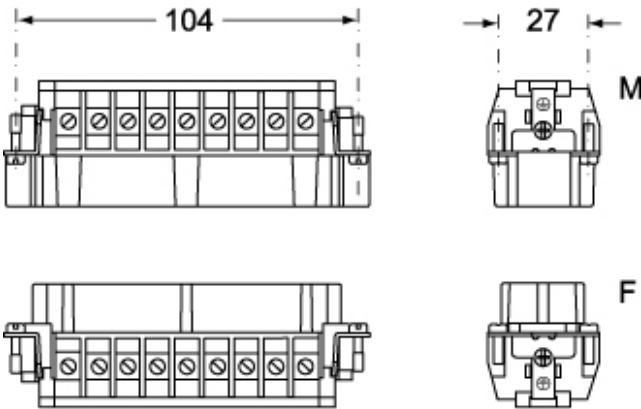
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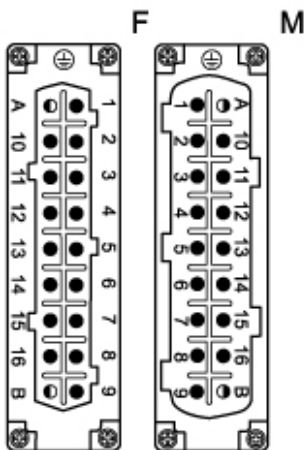


Catalogue drawings

**CMEM 16**



**CMEF 16**



Catalogue drawings

