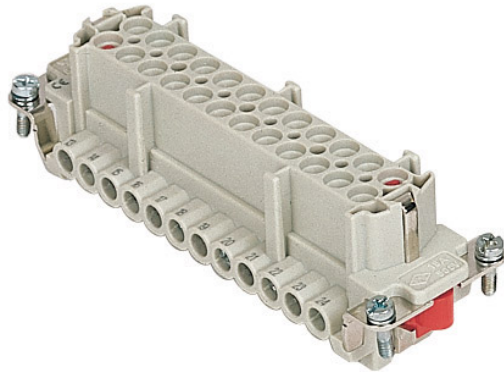


Part number

# CMEF 10 TX



Female insert, CME series, screw terminal connection, 10 + 2 poles + PE, 16 A 830 V 8 kV 3 / 16 A 500 V 6 kV 3, size "104.27", without plate

## Product description

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Product type</b>    | Insert                                 |
| <b>Series</b>          | CME                                    |
| <b>Connection type</b> | Screw terminal connection              |
| <b>Gender</b>          | Female                                 |
| <b>N. of poles</b>     | 10 poles +                             |
| <b>Auxiliary poles</b> | 2 poles                                |
| <b>Size</b>            | Size 104.27                            |
| <b>Specification</b>   | Without plate, for prepared conductors |

## Technical data

|                                          |                                                  |
|------------------------------------------|--------------------------------------------------|
| <b>Current</b>                           | 16 A                                             |
| <b>Voltage</b>                           | 830 V                                            |
| <b>Rated impulse withstand voltage</b>   | 8 kV                                             |
| <b>Pollution degree</b>                  | 3                                                |
| <b>Rated voltage according to UL/CSA</b> | 600 V                                            |
| <b>Wire cross-section</b>                | 0,25 mm <sup>2</sup> - 2,50 mm <sup>2</sup>      |
| <b>AWG size</b>                          | 24 - 14                                          |
| <b>Contact type</b>                      | Turned silver plated                             |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66 with enclosure |

## Further technical details

|                                               |                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------|
| <b>Characteristics according to EN 61984</b>  | 16A 830V 8kV 3 (aux: 16A 500V 6kV 3); 16A 1000V 8kV 2 (power contacts only) |
| <b>Mating cycles</b>                          | ≥ 500                                                                       |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ                                                                     |
| <b>Contact resistance</b>                     | ≤ 1 mΩ                                                                      |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                                                          |
| <b>UL 94 flammability rating</b>              | V-0                                                                         |
| <b>Torque for main contact</b>                | M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,8 x 4 mm)                                   |

## Material properties

|                              |                        |
|------------------------------|------------------------|
| <b>Main material</b>         | Polycarbonate (PC)     |
| <b>Other materials</b>       | Contacts: copper alloy |
| <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> | 8015747148818 |
| <b>ETIM 7.0</b>   | EC000438      |

Part number

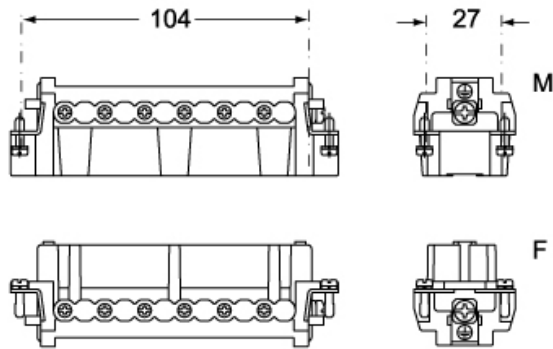
# CMEF 10 TX



Catalogue drawings

Catalogue drawings

## CMEM 10



## CMEF 10

