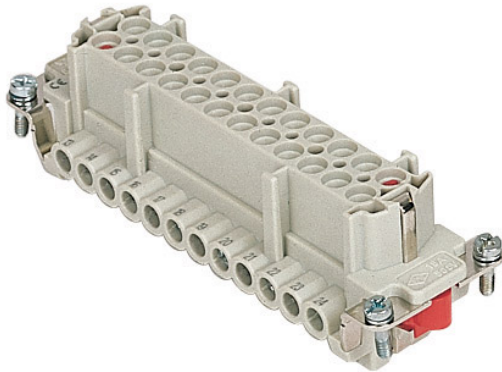


Part number

# CMEF 10 T



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", with 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>	With plate, also for non-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>	0,50 mm <sup>2</sup> - 4,00 mm <sup>2</sup>
<b>AWG size</b>	20 - 12
<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>Weight</b>	93,50 g
<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 with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>China RoHs - EFUP</b>	50
<b>REACH SVHC substances</b>	Yes Lead
<b>SCIP number</b>	1a9c93ff-0445-4a16-81e3-1609ac5274d6

## 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>	8015747127912
<b>ETIM 7.0</b>	EC000438

## Packaging Information

<b>Packaging length</b>	270,00 mm
<b>Packaging height</b>	75,00 mm
<b>Packaging width</b>	180,00 mm
<b>Packaging weight</b>	3,12 kg
<b>Packaging volume</b>	3,65 dm <sup>3</sup>
<b>Packaging description</b>	Carton box
<b>Packaging quantity</b>	30 Pcs
<b>Packaging EAN code</b>	8015747128070
<b>Sub-packaging length</b>	113,00 mm
<b>Sub-packaging height</b>	36,00 mm
<b>Sub-packaging width</b>	180,00 mm
<b>Sub-packaging weight</b>	0,52 kg
<b>Sub-packaging volume</b>	0,73 dm <sup>3</sup>
<b>Sub-packaging description</b>	Carton tray
<b>Sub-packaging quantity</b>	5 Pcs
<b>Sub-packaging EAN barcode</b>	8015747128087

Part number

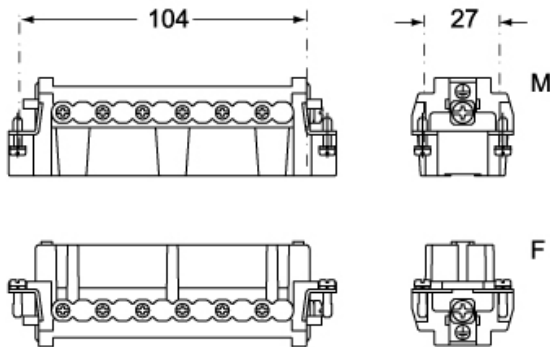
# CMEF 10 T



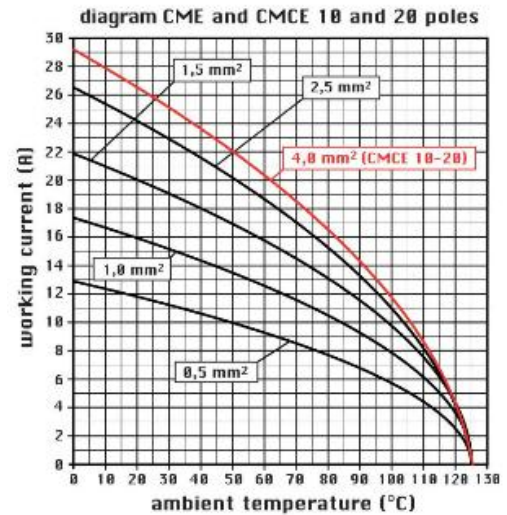
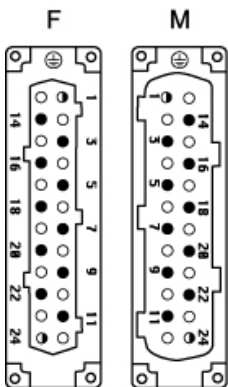
Catalogue drawings

Catalogue drawings

## CMEM 10



## CMEF 10



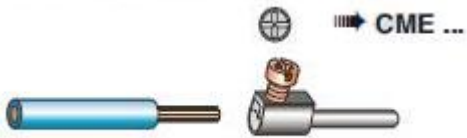
## Notes

### CMEF/M 10 T inserts

- characteristics according to EN 61984:
    - 16A 830V 8kV 3
    - 16A 1000V 8kV 2
    - 16A 720/1250V 8kV 2
  - auxiliary contacts: 16A 500V 6kV 3
  - UL, CSA, CCC, GOST certified
  - 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
  - enclosures: size 104.27
- insulated 830V  
T-TYPE IP65 insulating  
W-TYPE aggressive environments  
IP68

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

- CME....: for non-prepared conductors
- inserts with plate, for section conductors:
  - 0.5 - 4 mm<sup>2</sup> - AWG 20 - 12
  - conductors stripping length: 7 mm
  - terminal screw torque: 0.5 Nm



- CME .....X: or bush terminal conductors
- inserts without plate, for section conductors:  
0.25 - 2.5 mm<sup>2</sup> - AWG 24 - 14
  - conductors stripping length: 7 mm
  - terminal screw torque: 0.5 Nm
- 

### California Proposition 65 Information



### WARNING

This product can expose you to lead and its 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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