

Part number

# CMEF 06 TXN



Female insert, CME series, screw terminal connection, 6 + 2 poles + PE (17-32), 16 A 830 V 8 kV 3 / 16 A 500 V 6 kV 3, size "77.62", 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>	12 poles + $\perp$
<b>Auxiliary poles</b>	2 poles
<b>Size</b>	Size 77.62
<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>Pole numbering system</b>	17-32
<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>	8015747148801
<b>ETIM 7.0</b>	EC000438

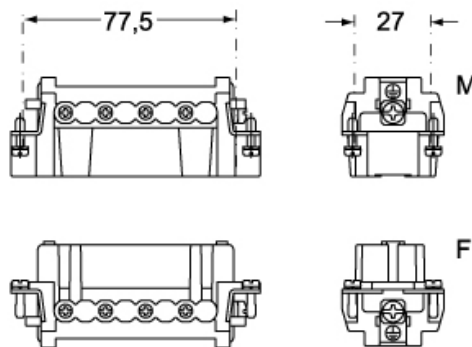
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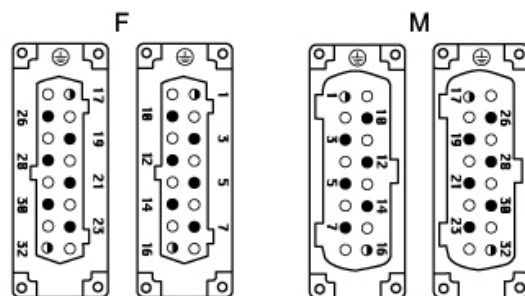


Catalogue drawings

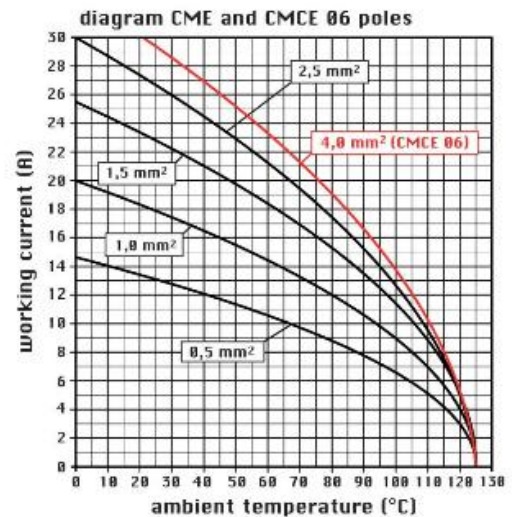
## CMEM 06 (N)



## CMEF 06 (N)



Catalogue drawings



## Notes

### CMEF/M 06 TXN 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 (CME)
- enclosures: size 77.62:
- C-TYPE IP65/IP66
- W-TYPE aggressive environments

- 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



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

- 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

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**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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