

Part number

CMEM 10 TXN



Male insert, CME series, screw terminal connection, 10 + 2 poles + PE (25-48), 16 A 830 V 8 kV 3 / 16 A 500 V 6 kV 3, size "104.62", without plate

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
N. of poles	20 poles + 	China RoHs - EFUP	E
Auxiliary poles	2 poles	REACH SVHC substances	No
Size	Size "104.62"	Approvals / Standards	
Specification	Without plate, for prepared conductors	Reference standard	EN 61984:2009-06
Technical data		Certifications	CSA, CQC, DNV, BV, EAC
Current	16 A	UL	ECBT2
Voltage	830 V	cUL	ECBT8
Rated impulse withstand voltage	8 kV	General ordering information	
Pollution degree	3	EAN13 code	8015747148894
Rated voltage according to UL/CSA	600 V	ETIM 7.0	EC000438
Wire cross-section	0,25 mm ² - 2,50 mm ²		
AWG size	24 - 14		
Contact type	Turned silver plated		
Pole numbering system	25-48		
IP degree of protection	IP20 without enclosure, IP65/IP66 with enclosure		
Further technical details			
Characteristics according to EN 61984	16A 830V 8kV 3 (aux: 16A 500V 6kV 3); 16A 1000V 8kV 2 (power contacts only)		
Mating cycles	≥ 500		
Insulation resistance	≥ 10 GΩ		
Contact resistance	≤ 1 mΩ		
Operating temperature range (min, max)	-40 °C ... +125 °C		
UL 94 flammability rating	V-0		
Torque for main contact	M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,8 x 4 mm)		

Part number

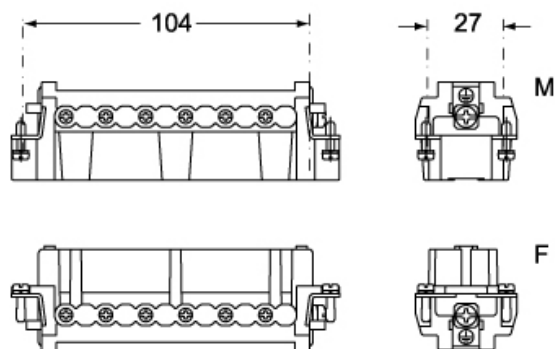
CMEM 10 TXN



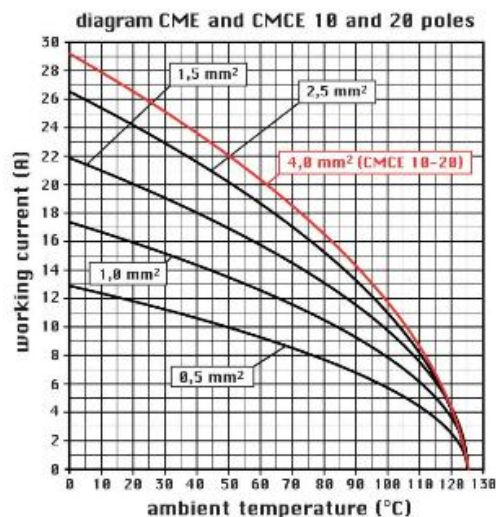
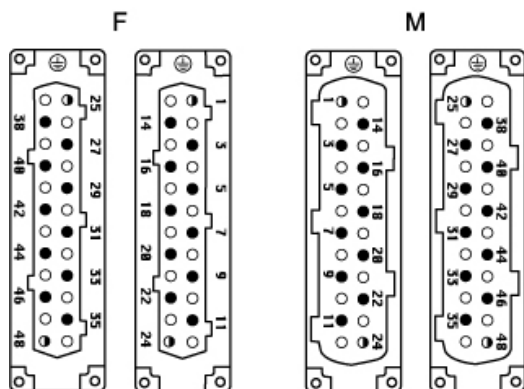
Catalogue drawings

Catalogue drawings

CMEM 10 (N)



CMEF 10 (N)

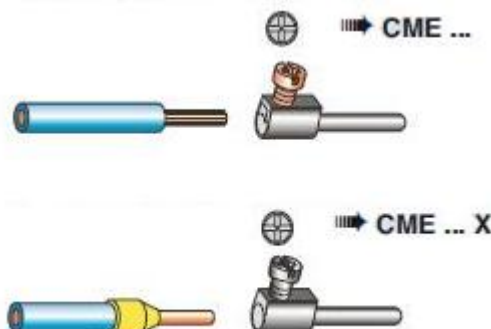


Notes

CMEF/M 10 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 mm² - 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.

CMEX: or bush terminal conductors

- inserts without plate, for section conductors:
0.25 - 2.5 mm² - 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.

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.
