



Part number

# CKM 03 N



## Brief description:

male insert, 3 poles + PE, screw terminal connections, 10A, 250V, 4kV, 3, silver plated, size "21.21", CLASS insert series

Product description		Approvals / Standards	
<b>Model</b>	male insert	<b>Reference standard</b>	EN 61984 (2001-11)
<b>Version</b>	screw terminal connections	<b>Quality mark</b>	 , EAC
<b>Series</b>	CK	<b>Conformity</b>	CQC, CE
<b>Product type</b>	with male contacts	<b>General ordering information</b>	
<b>Style</b>	black distinctive colour	<b>EAN13 code</b>	8015747028233
<b>Family</b>	CLASS inserts	<b>Tariff number</b>	85369095
<b>Size</b>	size "21.21"	<b>Country of origin</b>	Made in EU (IT)
<b>N. of poles</b>	3 poles + 	<b>ETIM classification</b>	EC000438
Technical data		Packaging Information	
<b>Current</b>	10 A (A.C. and D.C.)	<b>Packaging length</b>	210,00 mm
<b>Voltage</b>	230 - 400 V	<b>Packaging height</b>	200,00 mm
<b>Rated impulse withstand voltage</b>	4kV	<b>Packaging width</b>	130,00 mm
<b>Pollution degree</b>	3	<b>Packaging weight</b>	3,00 kg
<b>Wire cross-section</b>	0,75 mm <sup>2</sup> - 2,50 mm <sup>2</sup>	<b>Packaging volume</b>	5,46 dm <sup>3</sup>
<b>AWG size</b>	18 - 14	<b>Packaging description</b>	Carton box
<b>Operating temperature range (min, max)</b>	-40°C ... +100°C	<b>Packaging quantity</b>	200 Pcs
<b>Contacts material</b>	Brass	<b>Packaging EAN code</b>	8015747028240
<b>Contact type</b>	silver plated	<b>Sub-packaging weight</b>	0,60 kg
<b>Mating cycles</b>	≥ 500	<b>Sub-packaging description</b>	Carton Box
<b>IP degree of protection</b>	IP20 without enclosure, IP44/IP66/IP67/IP68 and IP69 with enclosure	<b>Sub-packaging quantity</b>	40 Pcs
<b>PE connection type</b>	Screw	<b>Sub-packaging EAN barcode</b>	8015747028257
<b>PE terminal stripping length</b>	6 mm		
<b>Tightening torque for PE connection</b>	M3: 0,5 Nm; 4,4 lb.in (0,5x3mm )		
Further technical details			
<b>Characteristics according to EN 61984</b>	10A 230/400V 4kV 3; 10A 400/690V 4kV 2		
<b>Insulation resistance</b>	≥ 10 GΩ		
<b>Contact resistance</b>	≤ 1 mΩ		
<b>Rated voltage according to UL/CSA</b>	600V		
<b>UL 94 flammability rating</b>	V-1		
<b>Main contacts stripping length</b>	6 mm		
<b>Torque for main contact</b>	M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)		
<b>Tightening torque for fixing screws</b>	M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)		
<b>Weight</b>	15,00 g		

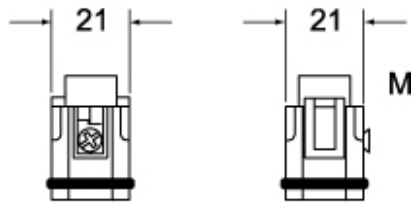
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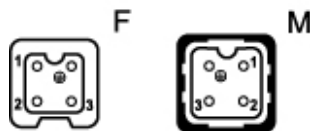


## Catalogue drawings

### CKM 03 (N)

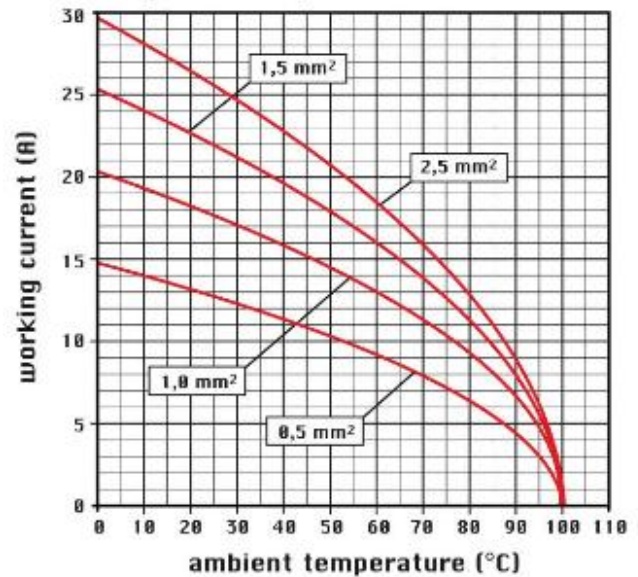


### CKF 03 (N)



## Catalogue drawings

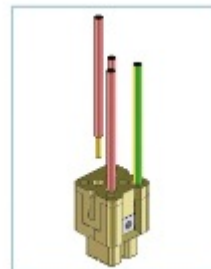
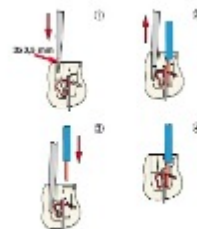
diagram CK 03 poles



## Notes

CKM inserts:

- characteristics according to EN 61984:  
(10A 250V 4kV 3)  
(10A 230/400V 4kV 2)
- inserts for connectors with the following sections: 0.75 - 2.5 mm<sup>2</sup> - AWG 18 - 14
- can be mated with CKS inserts
- torsion couple recommended for conductor fastening screws and stripping length see section feature of inserts
- for maximum current load, see the insert load curve section
- inserts and enclosures for application with temperatures up to 180°C, available on request.



Spring terminal connections

Rear top entry of wires for a more easier wiring.