

Part number

# CKF 04 RY



## Brief description:

female insert, 4 poles + PE, screw terminal connections, 10A, 250V, 4kV, 3, silver plated, size "21.21" 180°C, CLASS insert series

Product description		Approvals / Standards	
Model	female insert	Reference standard	EN 61984 (2001-11)
Version	screw terminal connections	Quality mark	, EAC
Series	CK	Conformity	CQC, CE
Product type	with female contacts	General ordering information	
Style	for applications up to 180° C	EAN13 code	8015747028110
Family	CLASS inserts	Tariff number	85369095
Size	size "21.21" 180°C	Country of origin	Made in EU (IT)
N. of poles	4 poles +	ETIM classification	EC000438
Technical data		Packaging Information	
Current	10 A (A.C. and D.C.)	Sub-packaging weight	0,72 kg
Voltage	230 - 400 V	Sub-packaging description	Carton Box
Rated impulse withstand voltage	4kV	Sub-packaging quantity	40 Pcs
Pollution degree	3	Sub-packaging EAN barcode	8015747028127
Wire cross-section	0,75 mm <sup>2</sup> - 2,50 mm <sup>2</sup>		
AWG size	18 - 14		
Operating temperature range (min, max)	-40°C ... +180°C		
Contacts material	Brass		
Contact type	silver plated		
Mating cycles	≥ 500		
IP degree of protection	IP20 without enclosure, IP44 with enclosure		
PE connection type	Screw		
PE terminal stripping length	6 mm		
Tightening torque for PE connection	M3: 0,5 Nm; 4,4 lb.in (0,5x3mm )		
Further technical details			
Characteristics according to EN 61984	10A 230/400V 4kV 3; 10A 400/690V 4kV 2		
Insulation resistance	≥ 10 GΩ		
Contact resistance	≤ 1 mΩ		
Rated voltage according to UL/CSA	600V		
UL 94 flammability rating	V-0		
Main contacts stripping length	6 mm		
Torque for main contact	M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)		
Tightening torque for fixing screws	M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)		
Weight	18,00 g		

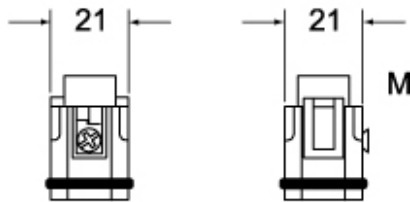
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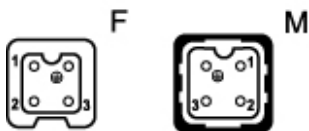


## Catalogue drawings

### CKM 03 (N)

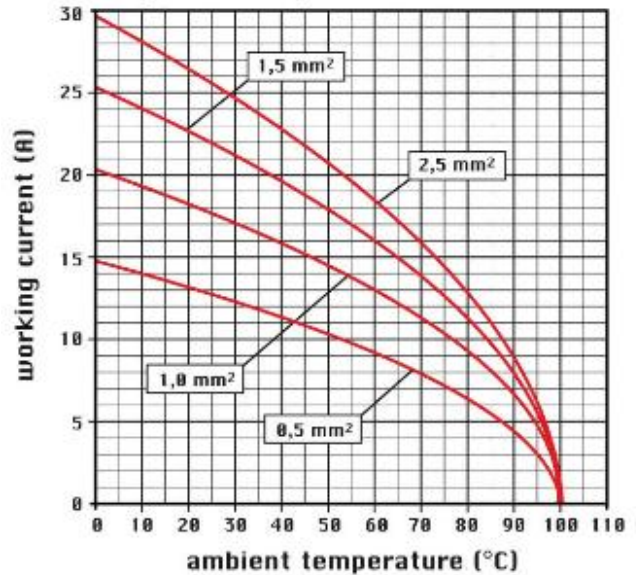


### CKF 03 (N)



## Catalogue drawings

diagram CK 03 poles



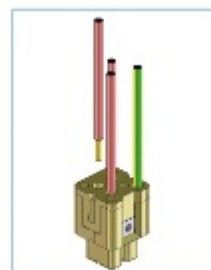
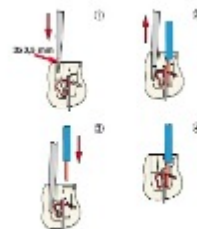
## Notes

### CK...RY

- characteristics according to EN 61984:  
10A 250V 4kV 3  
10A 230/400V 4kV 2
- insulation resistance: = 10 GO
- ambient temperature limit: -40 °C ... +180 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: = 500 cycles
- contact resistance: = 1 mΩ
- for maximum current load, see the following load curves inserts
- inserts for connectors with the following sections:  
0.75 - 2.5 mm<sup>2</sup> - AWG 18 - 14
- conductors stripping length: 6 mm
- terminal screw torque: 0.5 Nm

Enclosures:CKAR/MKAR

The female inserts can be mounted into the straight bulkhead housings CK I from the rear



Rear top entry of wires for a more easier wiring.

Spring terminal connections