

Part number

CKF 04 RY



Female insert, CK RY series, screw terminal connection, 4 poles + PE, 10 A 230/400 V 4 kV 3, size "21.21", for applications up to 180°C

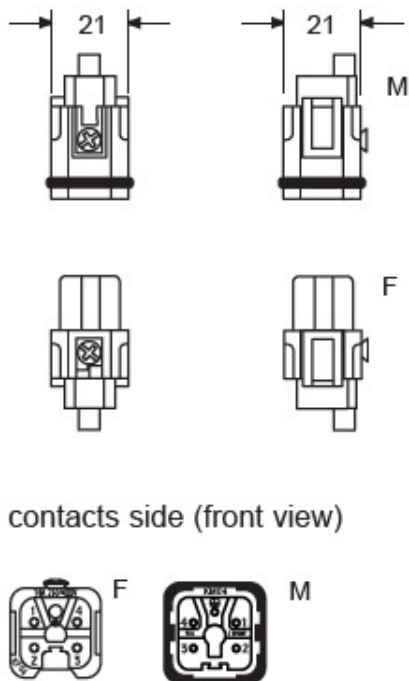
Product description		Material properties	
Product type	Insert	Main material	Polyphenylene sulfide (PPS)
Series	CK RY	Other materials	Contacts: copper alloy
Connection type	Screw terminal connection		Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
Gender	Female	RoHs conformity	
N. of poles	4 poles +	China RoHs - EFUP	50
Size	Size "21.21"	REACH SVHC substances	Yes Lead
Specification	For applications up to 180°C	SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		Approvals / Standards	
Current	10 A	Reference standard	EN 61984:2009-06
Voltage	230 - 400 V	Certifications	CSA, CQC, DNV, BV, EAC
Rated impulse withstand voltage	4 kV	UL	ECBT2
Pollution degree	3	cUL	ECBT8
Rated voltage according to UL/CSA	600 V	General ordering information	
Wire cross-section	0,75 mm ² - 2,50 mm ²	EAN13 code	8015747028110
AWG size	18 - 14	eCl@ss 8.1	27440205
Contact type	Turned silver plated	ETIM 7.0	EC000438
IP degree of protection	IP20 without enclosure, IP44 with enclosure	Packaging Information	
Further technical details		Sub-packaging length	197,00 mm
Characteristics according to EN 61984	10A 230/400V 4kV 3; 10A 400/690V 4kV 2	Sub-packaging height	35,00 mm
Mating cycles	≥ 500	Sub-packaging width	113,00 mm
Insulation resistance	≥ 10 GΩ	Sub-packaging weight	0,70 kg
Contact resistance	≤ 2 mΩ	Sub-packaging volume	0,78 dm ³
Weight	17,60 g	Sub-packaging description	Carton box
Operating temperature range (min, max)	-40°C ... +180°C	Sub-packaging quantity	40 Pcs
Conductors stripping length	6 mm	Sub-packaging EAN barcode	8015747028127
UL 94 flammability rating	V-0		
Torque for main contact	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)		
Tightening torque for PE connection	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)		
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)		

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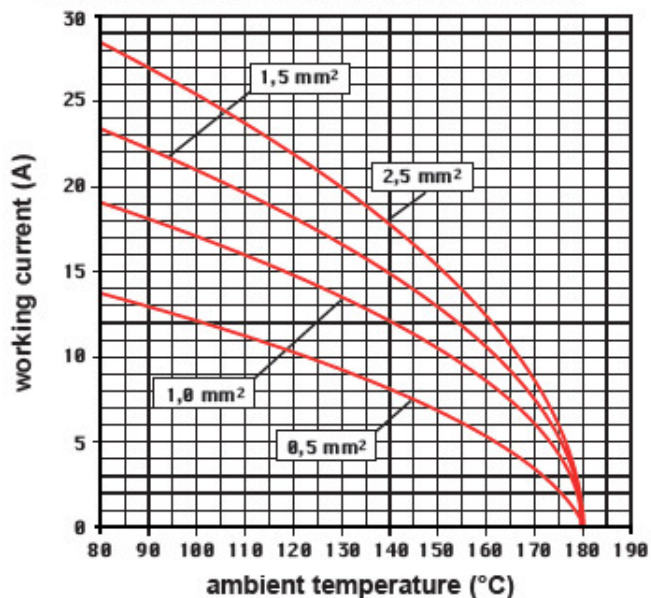
Catalogue drawings



contacts side (front view)

Derating curves

CK...RY 04 poles connector inserts
Maximum current load derating diagram



Notes

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

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.

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