

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

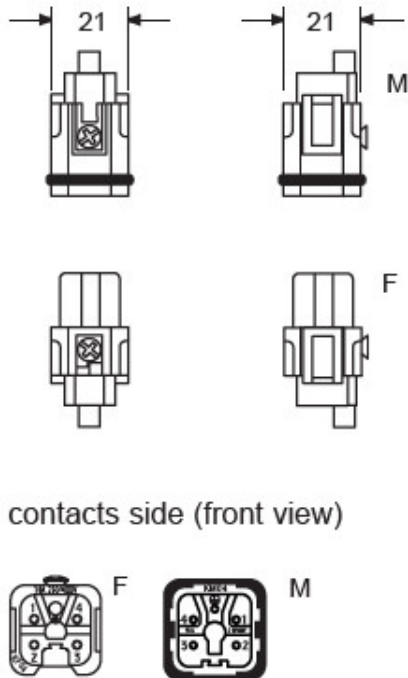
Product description		Material properties	
Product type	Insert	Main material	Polyphenylene sulfide (PPS)
Series	CK RY	Other materials	Contacts: copper alloy
Connection type	Screw terminal connection		Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
Gender	Female	RoHs conformity	
N. of poles	4 poles + 	China RoHs - EFUP	50
Size	Size "21.21"	REACH SVHC substances	Yes
Specification	For applications up to 180°C	Lead	
Technical data		SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Current	10 A	Approvals / Standards	
Voltage	230 - 400 V	Reference standard	EN 61984:2009-06
Rated impulse withstand voltage	4 kV	Certifications	CSA, CQC, DNV, BV, EAC
Pollution degree	3	UL	ECBT2
Rated voltage according to UL/CSA	600 V	cUL	ECBT8
Wire cross-section	0,75 mm² - 2,50 mm²	General ordering information	
AWG size	18 - 14	EAN13 code	8015747028110
Contact type	Turned silver plated	eCl@ss 8.1	27440205
IP degree of protection	IP20 without enclosure, IP44 with enclosure	ETIM 7.0	EC000438
Further technical details		Packaging Information	
Characteristics according to EN 61984	10A 230/400V 4kV 3; 10A 400/690V 4kV 2	Sub-packaging length	197,00 mm
Mating cycles	≥ 500	Sub-packaging height	35,00 mm
Insulation resistance	≥ 10 GΩ	Sub-packaging width	113,00 mm
Contact resistance	≤ 2 mΩ	Sub-packaging weight	0,70 kg
Weight	17,60 g	Sub-packaging volume	0,78 dm³
Operating temperature range (min, max)	-40°C ... +180°C	Sub-packaging description	Carton box
Conductors stripping length	6 mm	Sub-packaging quantity	40 Pcs
UL 94 flammability rating	V-0	Sub-packaging EAN barcode	8015747028127
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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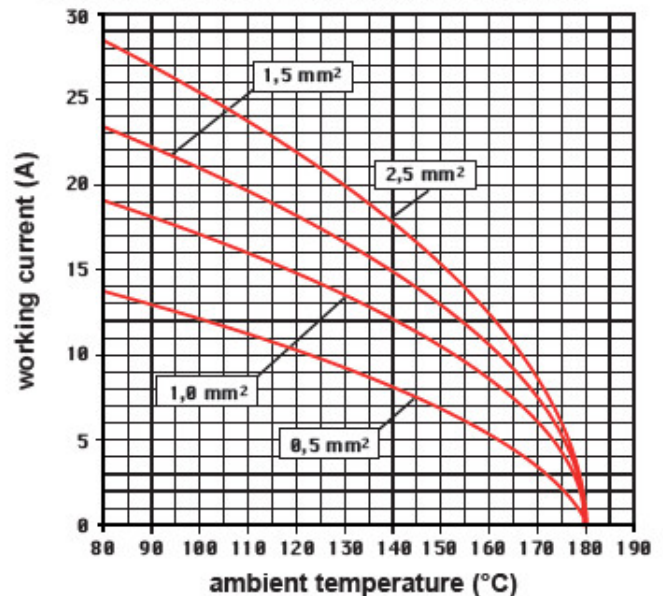


Catalogue drawings



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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