


Part number

CKF 03 RY



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

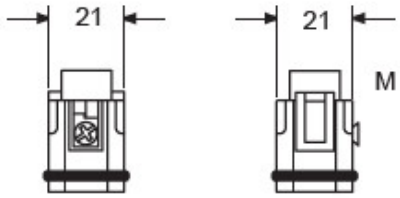
Product description		Material properties	
Product type	Insert	Main material	Polyphenylene sulfide (PPS)
Series	CK RY	Other materials	Contacts: copper alloy
Connection type	Screw terminal connection		Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
Gender	Female	RoHs conformity	
N. of poles	3 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	8015747028028
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		Packaging length	210,00 mm
Characteristics according to EN 61984	10A 230/400V 4kV 3; 10A 400/690V 4kV 2	Packaging height	200,00 mm
Mating cycles	≥ 500	Packaging width	130,00 mm
Insulation resistance	≥ 10 GΩ	Packaging weight	3,31 kg
Contact resistance	≤ 2 mΩ	Packaging volume	5,46 dm ³
Weight	15,00 g	Packaging description	Carton box
Operating temperature range (min, max)	-40°C ... +180°C	Packaging quantity	200 Pcs
Conductors stripping length	6 mm	Packaging EAN code	8015747028035
UL 94 flammability rating	V-0	Sub-packaging length	197,00 mm
Torque for main contact	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)	Sub-packaging height	35,00 mm
Tightening torque for PE connection	M3: 0,5 Nm; 4,4 lb.in (0,5 x 3 mm)	Sub-packaging width	113,00 mm
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)	Sub-packaging weight	0,66 kg
		Sub-packaging volume	0,78 dm ³
		Sub-packaging description	Carton box
		Sub-packaging quantity	40 Pcs
		Sub-packaging EAN barcode	8015747028042

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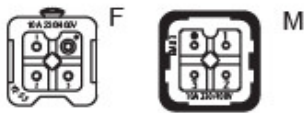
CKF 03 RY



Catalogue drawings



contacts side (front view)



Derating curves

CK...RY 03 poles connector inserts
Maximum current load derating diagram

