

Part number

CXM 4/0 RY



Male insert, CX RY series, screw terminal connection, 4 poles + PE, 80 A 830 V 8 kV 3, size "77.27", for applications up to 180°C

Product description		Material properties	
Product type	Insert	Main material	Polyphenylene sulfide (PPS)
Series	CX 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	Male	RoHs conformity	
N. of poles	4 poles + 	China RoHs - EFUP	50
Size	Size 77.27	REACH SVHC substances	Yes
Specification	For applications up to 180°C	Lead	
Technical data		SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Current	80 A	Approvals / Standards	
Voltage	830 V	Reference standard	EN 61984:2009-06
Rated impulse withstand voltage	8 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	4,00 mm ² - 16,00 mm ²	General ordering information	
AWG size	12 - 6	EAN13 code	8015747153218
Contact type	Turned silver plated	eCl@ss 8.1	27440205
IP degree of protection	IP20 without enclosure, IP65 with enclosure	ETIM 7.0	EC000438
Further technical details		Packaging Information	
Characteristics according to EN 61984	80A 830V 8kV 3	Packaging length	245,00 mm
Mating cycles	≥ 500	Packaging height	165,00 mm
Insulation resistance	≥ 10 GΩ	Packaging width	215,00 mm
Contact resistance	≤ 0,3 mΩ	Packaging weight	4,00 kg
Weight	121,33 g	Packaging volume	8,69 dm ³
Operating temperature range (min, max)	-40°C ... +180°C	Packaging description	Carton box
UL 94 flammability rating	V-0	Packaging quantity	30 Pcs
		Packaging EAN code	8015747153362
		Sub-packaging length	87,00 mm
		Sub-packaging height	36,00 mm
		Sub-packaging width	180,00 mm
		Sub-packaging weight	0,67 kg
		Sub-packaging volume	0,56 dm ³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	5 Pcs
		Sub-packaging EAN barcode	8015747153379

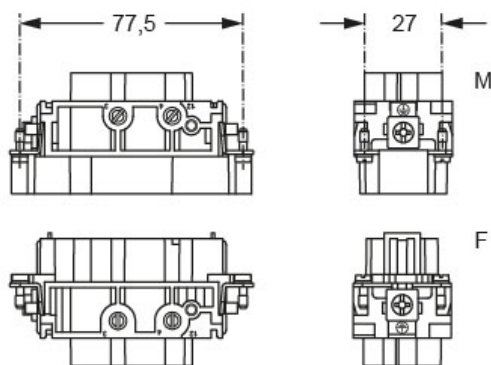
Part number

CXM 4/0 RY

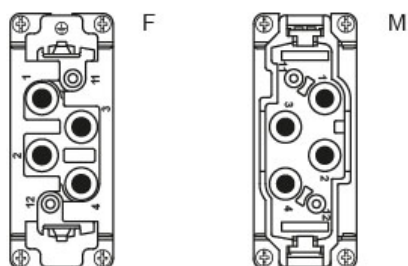


Catalogue drawings

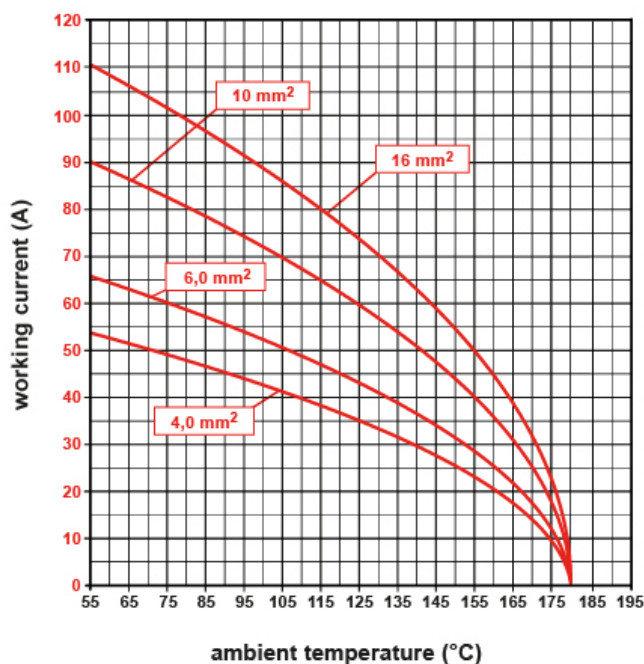
Derating curves



contacts side (front view)



CX RY 4/0 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.

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.