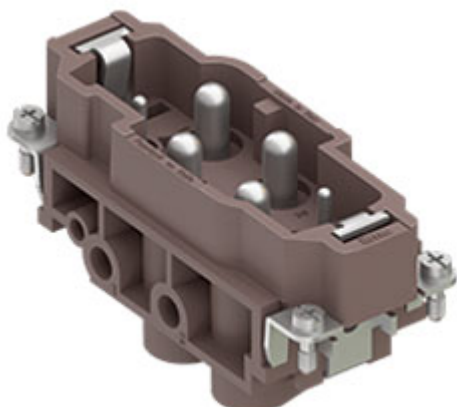


Part number

CXM 4/2 RY



Male insert, CX RY series, screw terminal connection, 4 + 2 poles + PE, 80 A 830 V 8 kV 3 / 16 A 400 V 6 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
Auxiliary poles	2 poles	REACH SVHC substances	Yes
Size	Size 77.27	Lead	
Specification	For applications up to 180°C	SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		Approvals / Standards	
Current	80 A	Certifications	CSA, CQC, DNV, BV, EAC
Voltage	830 V	UL	ECBT2
Rated impulse withstand voltage	8 kV	cUL	ECBT8
Pollution degree	3	General ordering information	
Rated voltage according to UL/CSA	600 V	EAN13 code	8015747245678
Wire cross-section	4,00 mm² - 16,00 mm²	eCl@ss 8.1	27440205
AWG size	12 - 6	ETIM 7.0	EC000438
Contact type	Turned silver plated	Packaging Information	
IP degree of protection	IP20 without enclosure, IP65 with enclosure	Packaging length	245,00 mm
Further technical details		Packaging height	165,00 mm
Characteristics according to EN 61984	80A 830V 8kV 3; 16A 400V 6kV 3; 16A 400/690V 6kV 2	Packaging width	215,00 mm
Mating cycles	≥ 500	Packaging weight	4,40 kg
Insulation resistance	≥ 10 GΩ	Packaging volume	8,69 dm³
Contact resistance	≤ 0,3 mΩ (4 poles); ≤ 1 mΩ (2 poles)	Packaging description	Carton box
Weight	128,00 g	Packaging quantity	30 Pcs
Operating temperature range (min, max)	-40°C ... +180°C	Packaging EAN code	8015747245708
UL 94 flammability rating	V-0	Sub-packaging length	87,00 mm
		Sub-packaging height	36,00 mm
		Sub-packaging width	180,00 mm
		Sub-packaging weight	0,73 kg
		Sub-packaging volume	0,56 dm³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	5 Pcs
		Sub-packaging EAN barcode	8015747245715

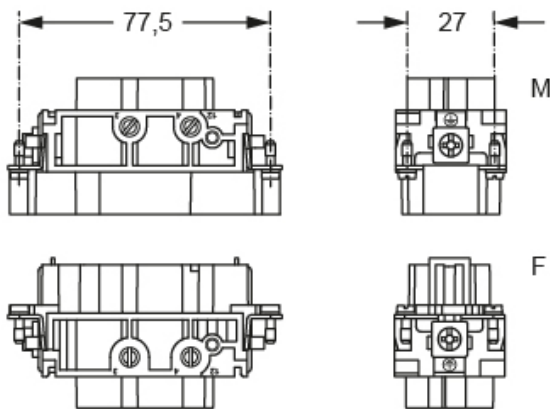
Part number

CXM 4/2 RY

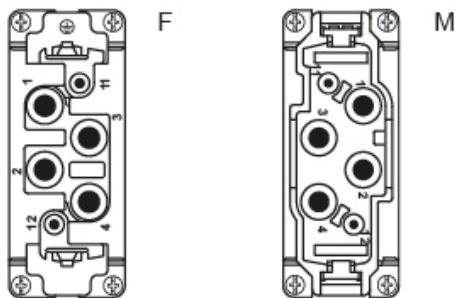


Catalogue drawings

Derating curves



contacts side (front view)



CX RY 4/2 poles connector inserts
Maximum current load derating diagram

