

Part number

CXF 4/2 RY



Female 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	
Product type	Insert
Series	CX RY
Connection type	Screw terminal connection
Gender	Female
N. of poles	4 poles +
Auxiliary poles	2 poles
Size	Size 77.27
Specification	For applications up to 180°C
Technical data	
Current	80 A
Voltage	830 V
Rated impulse withstand voltage	8 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
Wire cross-section	4,00 mm ² - 16,00 mm ²
AWG size	12 - 6
Contact type	Turned silver plated
IP degree of protection	IP20 without enclosure, IP65 with enclosure
Further technical details	
Characteristics according to EN 61984	80A 830V 8kV 3; 16A 400V 6kV 3; 16A 400/690V 6kV 2
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 0,3 mΩ (4 poles); ≤ 1 mΩ (2 poles)
Weight	125,00 g
Operating temperature range (min, max)	-40°C ... +180°C
UL 94 flammability rating	V-0

Material properties	
Main material	Polyphenylene sulfide (PPS)
Other materials	Contacts: copper alloy
RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
China RoHs - EFUP	50
REACH SVHC substances	Yes Lead
SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Approvals / Standards	
Certifications	CSA, CQC, DNV, BV, EAC
UL	ECBT2
cUL	ECBT8
General ordering information	
EAN13 code	8015747245661
eCl@ss 8.1	27440205
ETIM 7.0	EC000438
Packaging Information	
Packaging length	245,00 mm
Packaging height	165,00 mm
Packaging width	215,00 mm
Packaging weight	4,00 kg
Packaging volume	8,69 dm ³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747245685
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	8015747245692

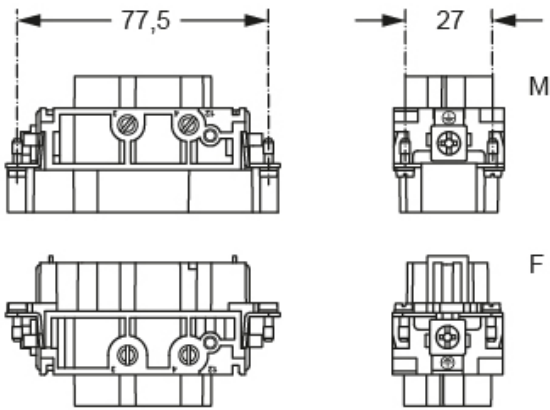
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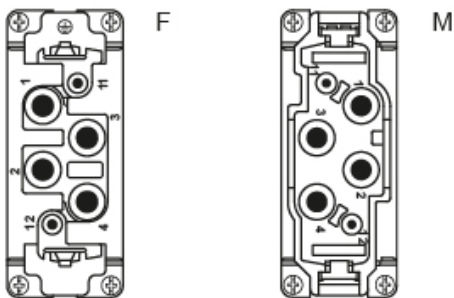


Catalogue drawings

Derating curves



contacts side (front view)



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

