

Part number

RXCM 4/2



Male insert, RXC series, crimp connection, 4 + 2 poles + PE, 80 A 830 V 8 kV 3 / 16 A 400 V 6 kV 3, size "77.27", HNM - High Number of Matings version

Product description	
Product type	Insert
Series	RXC
Connection type	Crimp connection
Gender	Male
N. of poles	4 poles + 
Auxiliary poles	2 poles
Size	Size 77.27
Specification	HNM - High Number of Matings version
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	6,00 mm ² - 25,00 mm ²
AWG size	10 - 3
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure
Further technical details	
Characteristics according to EN 61984	80 A 830 V 8 kV 3 / 16 A 400 V 6 kV 3
Mating cycles	≥ 10000
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 0,3 mΩ (4 poles), ≤ 1 mΩ (2 poles)
Weight	69,60 g
Operating temperature range (min, max)	-40°C...+125°C
UL 94 flammability rating	V-0

Material properties	
Main material	Polycarbonate (PC)
Colour	RAL 7032 grey
RoHs conformity	Compliant
China RoHs - EFUP	E
REACH SVHC substances	No
Approvals / Standards	
Certifications	DNV
General ordering information	
EAN13 code	8015747283915
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	2,26 kg
Packaging volume	8,69 dm ³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747283953
Sub-packaging length	87,00 mm
Sub-packaging height	36,00 mm
Sub-packaging width	180,00 mm
Sub-packaging weight	0,38 kg
Sub-packaging volume	0,56 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747283960

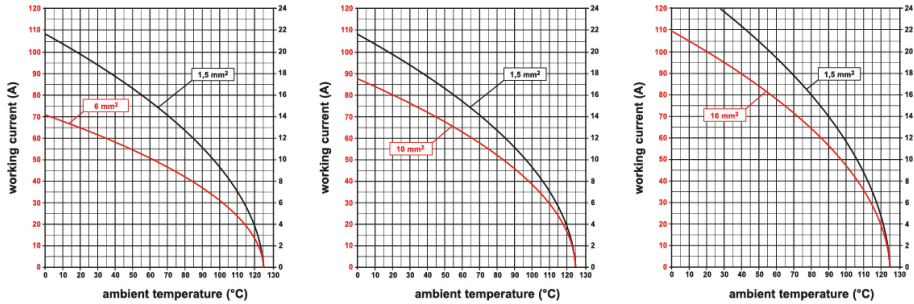
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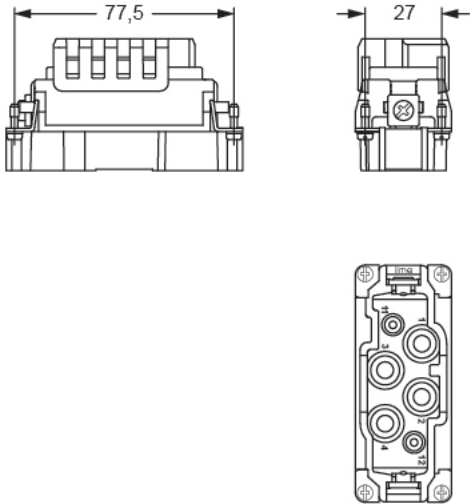


Derating curves

RXC 4/2 poles connector inserts
Maximum current load derating diagram



Catalogue drawings



Notes