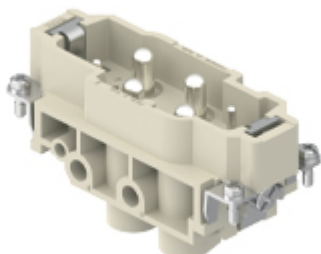


Part number

CXM 4/2



Male insert, CX 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

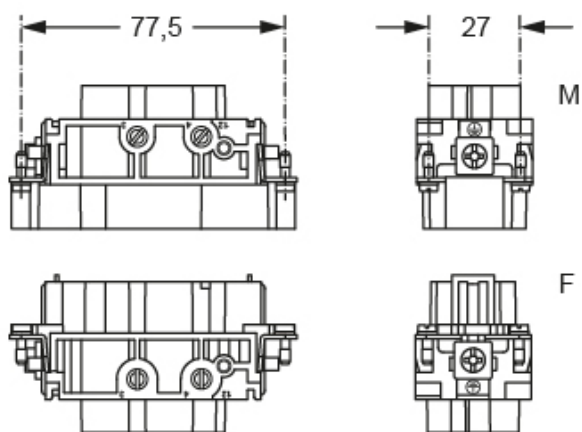
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CX	Other materials	Contacts: copper alloy
Connection type	Screw terminal connection	Colour	RAL 7032 grey
Gender	Male	RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
N. of poles	4 poles + 	China RoHs - EFUP	50
Auxiliary poles	2 poles	REACH SVHC substances	Yes
Size	Size 77.27	Lead	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	8015747042604
Contact type	Turned silver plated	eCl@ss 8.1	27440205
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	ETIM 7.0	EC000438
Further technical details		Packaging Information	
Characteristics according to EN 61984	80A 830V 8kV 3; 16A 400V 6kV 3; 16A 400/690V 6kV 2	Packaging length	200,00 mm
Mating cycles	≥ 500	Packaging height	165,00 mm
Insulation resistance	≥ 10 GΩ	Packaging width	200,00 mm
Contact resistance	≤ 0,3 mΩ (4 poles), ≤ 1 mΩ (2 poles)	Packaging weight	3,95 kg
Weight	117,50 g	Packaging volume	6,60 dm ³
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging description	Carton box
UL 94 flammability rating	V-0	Packaging quantity	30 Pcs
		Packaging EAN code	8015747191838
		Sub-packaging length	87,00 mm
		Sub-packaging height	36,00 mm
		Sub-packaging width	180,00 mm
		Sub-packaging weight	0,66 kg
		Sub-packaging volume	0,56 dm ³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	5 Pcs
		Sub-packaging EAN barcode	8015747042611

Part number

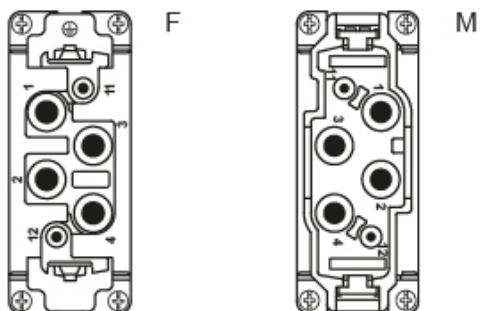
CXM 4/2



Catalogue drawings

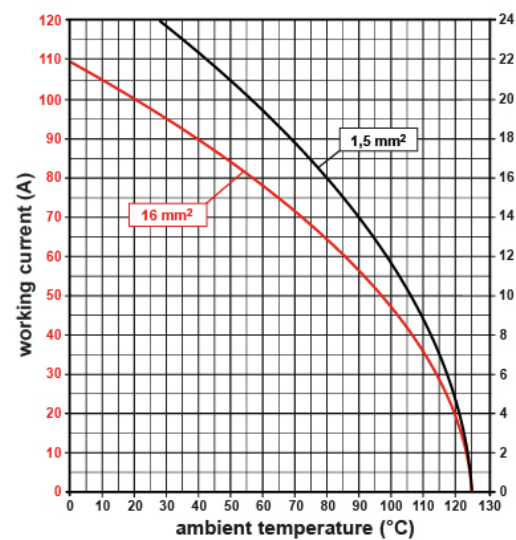
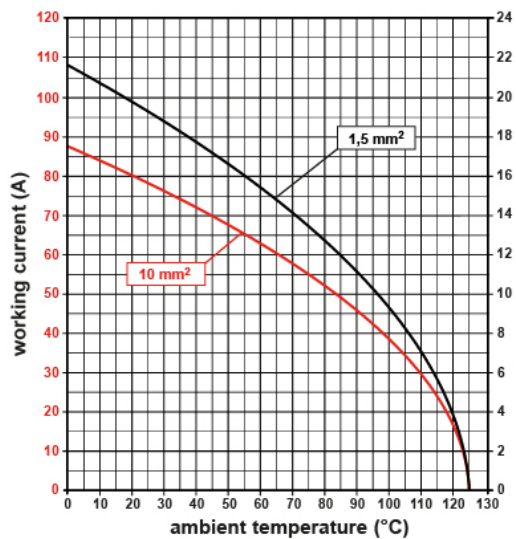
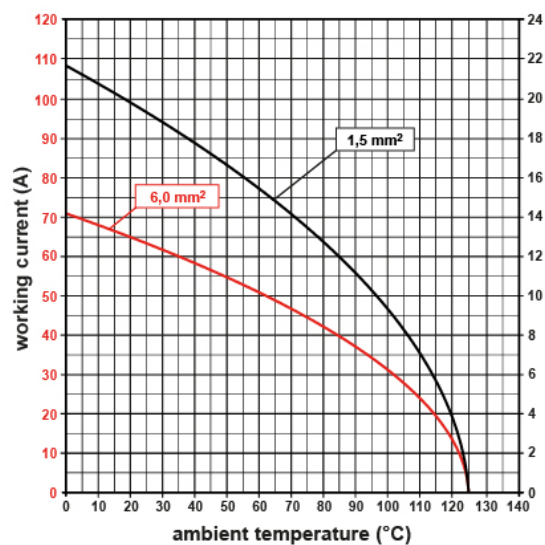


contacts side (front view)



Derating curves

CX 4/2 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.
