


Part number

CXM 6/6



Male insert, CX series, crimp connection, 6 + 6 poles + PE, 100 A 690 V 8 kV 3 / 16 A 400 V 6 kV 3, size "104.27"

Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CX	Colour	RAL 7032 grey
Connection type	Crimp connection	RoHs conformity	Compliant
Gender	Male	China RoHs - EFUP	E
N. of poles	6 poles + 	REACH SVHC substances	No
Auxiliary poles	6 poles	Approvals / Standards	
Size	Size 104.27	Reference standard	EN 61984:2009-06
Technical data		Certifications	CSA, CQC, DNV, BV, EAC
Current	100 A	UL	ECBT2
Voltage	690 V	cUL	ECBT8
Rated impulse withstand voltage	8 kV	General ordering information	
Pollution degree	3	EAN13 code	8015747192163
Rated voltage according to UL/CSA	600 V	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	100A 690V 8kV 3 (aux: 16A 400V 6kV 3)	Packaging length	130,00 mm
Mating cycles	≥ 500	Packaging height	145,00 mm
Insulation resistance	≥ 10 GΩ	Packaging width	300,00 mm
Contact resistance	≤ 0,3 mΩ (100A); ≤ 1 mΩ (16A)	Packaging weight	1,19 kg
Weight	102,00 g	Packaging volume	5,66 dm ³
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging description	Carton box
Conductors stripping length	100A: 15mm; 16A: 7,5mm	Packaging quantity	10 Pcs
UL 94 flammability rating	V-0	Packaging EAN code	8015747192200
Tightening torque for PE connection	M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm)	Sub-packaging weight	0,12 kg
Tightening torque for fixing screws	M3: 0.5 Nm; 4.4 lb.in (Ph1 or 0.8x4 mm)	Sub-packaging description	Plastic bag
		Sub-packaging quantity	1 Pcs
		Sub-packaging EAN barcode	8015747192217

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Catalogue drawings

