

Part number

CX 06 CYM



Male modular insert, Mixo series, AXYR®
spring push-in terminal connection without
tools, 6 poles, 1 module, 16 A 500 V 6 kV 3

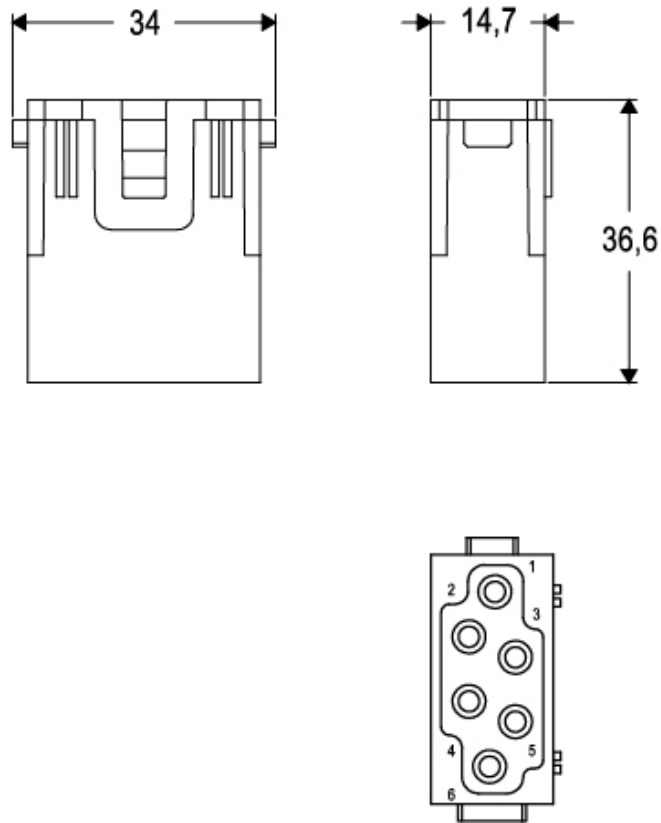
Product description		Material properties	
Product type	Modular insert	Main material	Polycarbonate (PC)
Series	Mixo	Other materials	Contacts: copper alloy
Connection type	AXYR® high density spring terminal connection without tools	Colour	RAL 7032 grey
Gender	Male	RoHS conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
N. of poles	6 poles	China RoHS - EFUP	50
Size	1 module	REACH SVHC substances	Yes Lead
Technical data		General ordering information	
Current	16 A	EAN13 code	8015747284264
Voltage	500 V	eCl@ss 8.1	27440205
Rated impulse withstand voltage	6 kV	ETIM 7.0	EC000438
Pollution degree	3	Packaging Information	
Rated voltage according to UL/CSA	600 V	Packaging length	220,00 mm
Wire cross-section	0,25 mm² - 4,00 mm²	Packaging height	130,00 mm
AWG size	24 - 12	Packaging width	240,00 mm
Contact type	Turned silver plated	Packaging weight	1,45 kg
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	Packaging volume	6,86 dm³
Further technical details		Packaging description	Carton box
Characteristics according to EN 61984	16 A 500 V 6 kV 3	Packaging quantity	60 Pcs
Mating cycles	≥ 500	Packaging EAN code	8015747284271
Insulation resistance	≥ 10 GΩ	Sub-packaging weight	0,02 kg
Contact resistance	≤ 3 mΩ	Sub-packaging description	Plastic bag
Weight	19,50 g	Sub-packaging quantity	1 Pcs
Operating temperature range (min, max)	-40 °C ... +125 °C	Sub-packaging EAN barcode	8015747139861
Conductors stripping length	9...11 mm		
UL 94 flammability rating	V-0		

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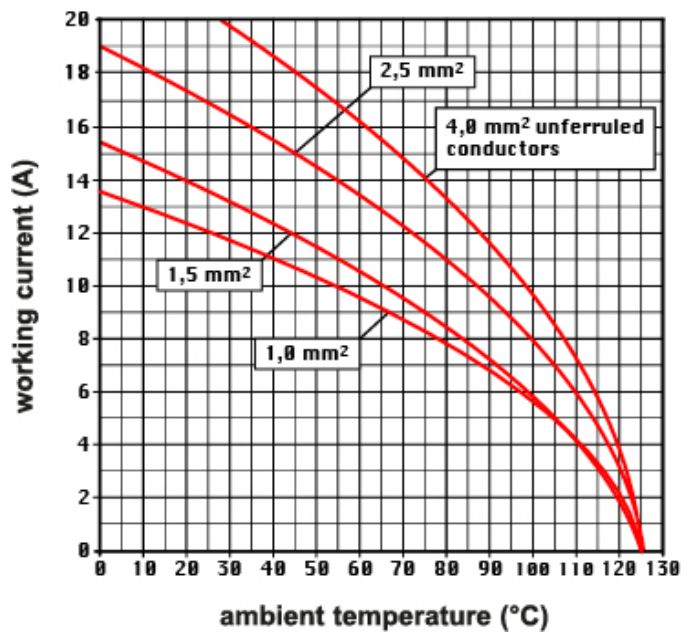


Catalogue drawings



Derating curves

CX..CY 6 poles connector inserts
Maximum current load derating diagram



Notes

Dimensions shown in mm are not binding and may be changed without notice.

AXYR® Mixo series inserts for wires with the following cross-sectional areas either ferruled or unferruled:

- modules from 6 to 8 poles
0,25 - 4 mm² (24 - 12 AWG)
for prepared wires useable section:
0,25 - 2,5 mm² (24 - 14 AWG)

-12 poles modules
0,14 - 2,5 mm² (26 - 14 AWG)
for prepared wires useable section:
0,14 - 1,5 mm² (26 - 16 AWG)