

Part number

# CX 12 DYF



Female modular insert, Mixo series, AXYR® spring push-in terminal connection without tools, 12 poles, 1 module, 10 A 250 V 4 kV 3

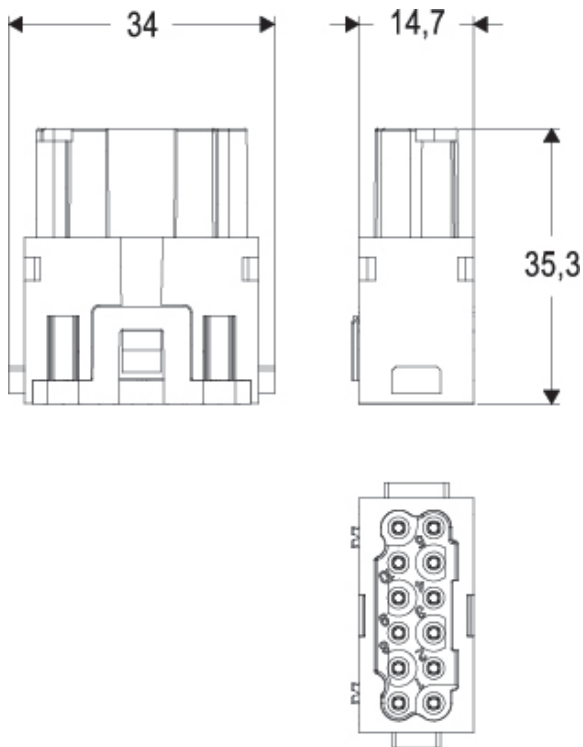
Product description		Material properties	
<b>Product type</b>	Modular insert	<b>Main material</b>	Polycarbonate (PC)
<b>Series</b>	Mixo	<b>Other materials</b>	Contacts: copper alloy
<b>Connection type</b>	AXYR® high density spring terminal connection without tools	<b>Colour</b>	RAL 7032 grey
<b>Gender</b>	Female	<b>RoHs conformity</b>	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>N. of poles</b>	12 poles	<b>China RoHs - EFUP</b>	50
<b>Size</b>	1 module	<b>REACH SVHC substances</b>	Yes Lead
Technical data		General ordering information	
<b>Current</b>	10 A	<b>EAN13 code</b>	8015747192415
<b>Voltage</b>	250 V	<b>eCl@ss 8.1</b>	27440205
<b>Rated impulse withstand voltage</b>	4 kV	<b>ETIM 7.0</b>	EC000438
<b>Pollution degree</b>	3	Packaging Information	
<b>Rated voltage according to UL/CSA</b>	600 V	<b>Packaging length</b>	270,00 mm
<b>Contact type</b>	Turned silver plated	<b>Packaging height</b>	130,00 mm
<b>IP degree of protection</b>	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure	<b>Packaging width</b>	180,00 mm
Further technical details		<b>Packaging weight</b>	1,36 kg
<b>Characteristics according to EN 61984</b>	10 A 250 V 4 kV 3	<b>Packaging volume</b>	6,32 dm <sup>3</sup>
<b>Mating cycles</b>	≥ 500	<b>Packaging description</b>	Carton box
<b>Insulation resistance</b>	≥ 10 GΩ	<b>Packaging quantity</b>	60 Pcs
<b>Contact resistance</b>	≤ 3 mΩ	<b>Packaging EAN code</b>	8015747193016
<b>Weight</b>	18,50 g	<b>Sub-packaging weight</b>	0,02 kg
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C	<b>Sub-packaging description</b>	Plastic bag
<b>Conductors stripping length</b>	9...11 mm	<b>Sub-packaging quantity</b>	1 Pcs
<b>UL 94 flammability rating</b>	V-0	<b>Sub-packaging EAN barcode</b>	8015747183307

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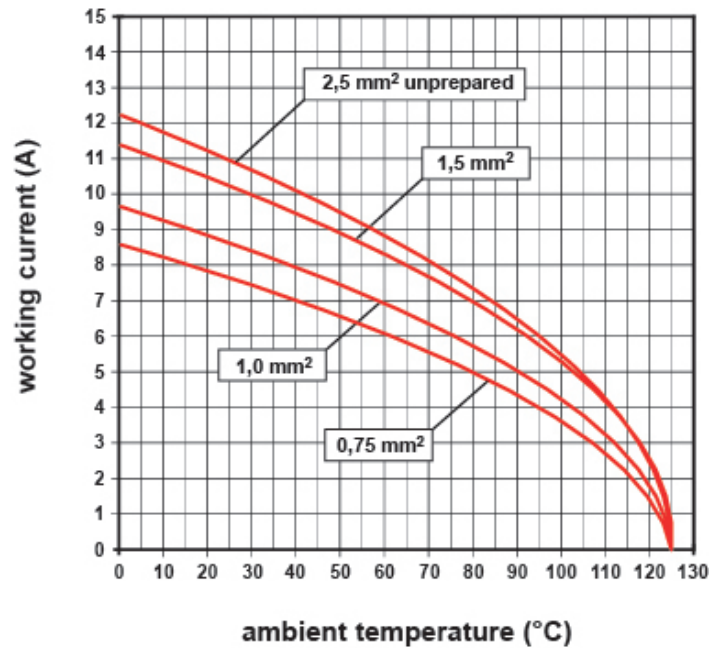


## Catalogue drawings



## Derating curves

### CX 12 DY, 12 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 mm<sup>2</sup> (24 - 12 AWG)  
for prepared wires useable section:  
0,25 - 2,5 mm<sup>2</sup> (24 - 14 AWG)

-12 poles modules  
0,14 - 2,5 mm<sup>2</sup> (26 - 14 AWG)  
for prepared wires useable section:  
0,14 - 1,5 mm<sup>2</sup> (26 - 16 AWG)