

Part number

# CX 06 CYF



Female 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

<b>Product type</b>	Modular insert
<b>Series</b>	Mixo
<b>Connection type</b>	AXYR® high density spring terminal connection without tools
<b>Gender</b>	Female
<b>N. of poles</b>	6 poles
<b>Size</b>	1 module

#### Technical data

<b>Current</b>	16 A
<b>Voltage</b>	500 V
<b>Rated impulse withstand voltage</b>	6 kV
<b>Pollution degree</b>	3
<b>Rated voltage according to UL/CSA</b>	600 V
<b>Wire cross-section</b>	0,25 mm <sup>2</sup> - 4,00 mm <sup>2</sup>
<b>AWG size</b>	24 - 12
<b>Contact type</b>	Turned silver plated
<b>IP degree of protection</b>	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure

#### Further technical details

<b>Characteristics according to EN 61984</b>	16 A 500 V 6 kV 3
<b>Mating cycles</b>	≥ 500
<b>Insulation resistance</b>	≥ 10 GΩ
<b>Contact resistance</b>	≤ 3 mΩ
<b>Weight</b>	20,50 g
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C
<b>Conductors stripping length</b>	9...11 mm
<b>UL 94 flammability rating</b>	V-0

#### Material properties

<b>Main material</b>	Polycarbonate (PC)
<b>Other materials</b>	Contacts: copper alloy
<b>Colour</b>	RAL 7032 grey
<b>RoHs conformity</b>	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>China RoHs - EFUP</b>	50
<b>REACH SVHC substances</b>	Yes Lead

#### General ordering information

<b>EAN13 code</b>	8015747016483
<b>eCl@ss 8.1</b>	27440205
<b>ETIM 7.0</b>	EC000438

#### Packaging Information

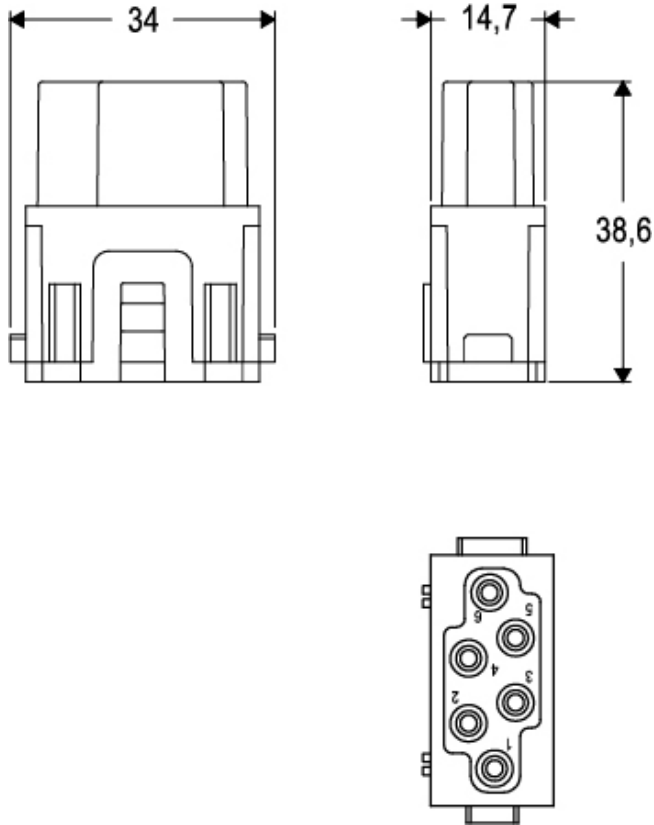
<b>Packaging length</b>	220,00 mm
<b>Packaging height</b>	130,00 mm
<b>Packaging width</b>	240,00 mm
<b>Packaging weight</b>	1,50 kg
<b>Packaging volume</b>	6,86 dm <sup>3</sup>
<b>Packaging description</b>	Carton box
<b>Packaging quantity</b>	60 Pcs
<b>Packaging EAN code</b>	8015747127578
<b>Sub-packaging weight</b>	0,03 kg
<b>Sub-packaging description</b>	Plastic bag
<b>Sub-packaging quantity</b>	1 Pcs
<b>Sub-packaging EAN barcode</b>	8015747139854

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## Catalogue drawings



## Derating curves

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

