

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	
Product type	Modular insert
Series	Mixo
Connection type	AXYR® high density spring terminal connection without tools
Gender	Female
N. of poles	12 poles
Size	1 module
Technical data	
Current	10 A
Voltage	250 V
Rated impulse withstand voltage	4 kV
Pollution degree	3
Rated voltage according to UL/CSA	600 V
Contact type	Turned silver plated
IP degree of protection	IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure
Further technical details	
Characteristics according to EN 61984	10 A 250 V 4 kV 3
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Weight	18,50 g
Operating temperature range (min, max)	-40 °C ... +125 °C
Conductors stripping length	9...11 mm
UL 94 flammability rating	V-0

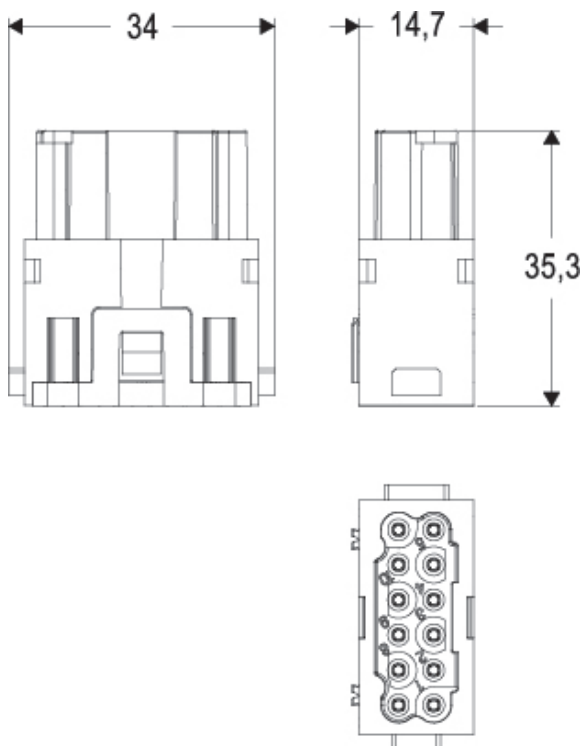
Material properties	
Main material	Polycarbonate (PC)
Other materials	Contacts: copper alloy
Colour	RAL 7032 grey
RoHs conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
China RoHs - EFUP	50
REACH SVHC substances	Yes Lead
General ordering information	
EAN13 code	8015747192415
eCl@ss 8.1	27440205
ETIM 7.0	EC000438
Packaging Information	
Packaging length	270,00 mm
Packaging height	130,00 mm
Packaging width	180,00 mm
Packaging weight	1,36 kg
Packaging volume	6,32 dm ³
Packaging description	Carton box
Packaging quantity	60 Pcs
Packaging EAN code	8015747193016
Sub-packaging weight	0,02 kg
Sub-packaging description	Plastic bag
Sub-packaging quantity	1 Pcs
Sub-packaging EAN barcode	8015747183307

Part number

CX 12 DYF

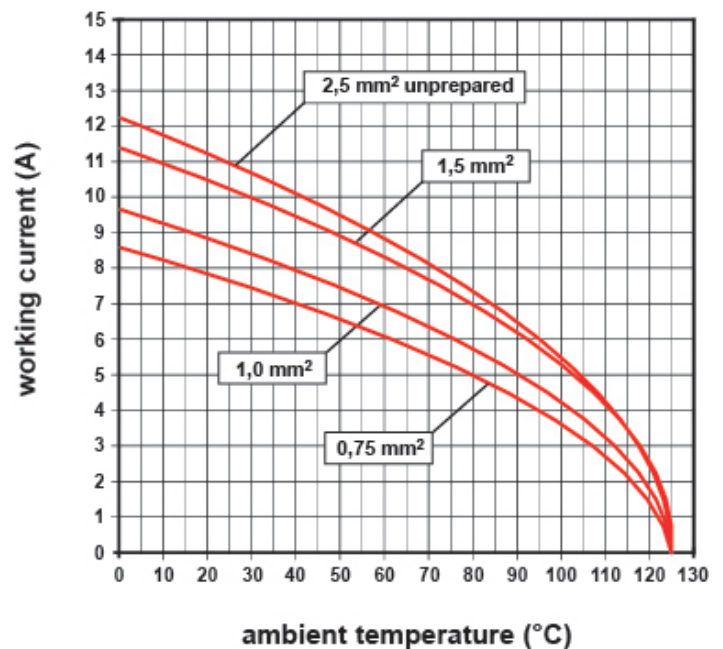


Catalogue drawings



Derating curves

CX 12 DY, 12 poles connector inserts Maximum current load derating diagram



Notes

Standard modular inserts:

-in combination with standard contacts and standard frames (CX ... TF/TM); must be mounted either in traditional enclosures or in COB panel supports (both up to 500 matings).

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)