

Part number

CX 12 DYM



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

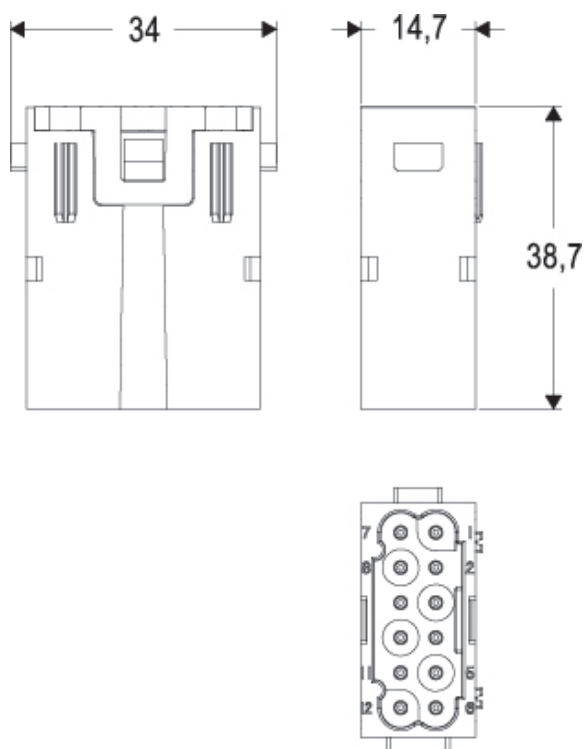
| Product description | | Material properties | |
|---|---|----------------------------------|--|
| Product type | Modular insert | Main material | Polycarbonate (PC) |
| Series | Mixo | Other materials | Contacts: copper alloy |
| Connection type | AXYR® high density spring terminal connection without 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 | 12 poles | China RoHs - EFUP | 50 |
| Size | 1 module | REACH SVHC substances | Yes Lead |
| Technical data | | General ordering information | |
| Current | 10 A | EAN13 code | 8015747193276 |
| Voltage | 250 V | eCl@ss 8.1 | 27440205 |
| Rated impulse withstand voltage | 4 kV | ETIM 7.0 | EC000438 |
| Pollution degree | 3 | Packaging Information | |
| Rated voltage according to UL/CSA | 600 V | Packaging length | 270,00 mm |
| Contact type | Turned silver plated | Packaging height | 130,00 mm |
| IP degree of protection | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure | Packaging width | 180,00 mm |
| Further technical details | | Packaging weight | 1,43 kg |
| Characteristics according to EN 61984 | 10 A 250 V 4 kV 3 | Packaging volume | 6,32 dm ³ |
| Mating cycles | ≥ 500 | Packaging description | Carton box |
| Insulation resistance | ≥ 10 GΩ | Packaging quantity | 60 Pcs |
| Contact resistance | ≤ 3 mΩ | Packaging EAN code | 8015747193290 |
| Weight | 19,50 g | Sub-packaging weight | 0,02 kg |
| Operating temperature range (min, max) | -40 °C ... +125 °C | Sub-packaging description | Plastic bag |
| Conductors stripping length | 9...11 mm | Sub-packaging quantity | 1 Pcs |
| UL 94 flammability rating | V-0 | Sub-packaging EAN barcode | 8015747209380 |

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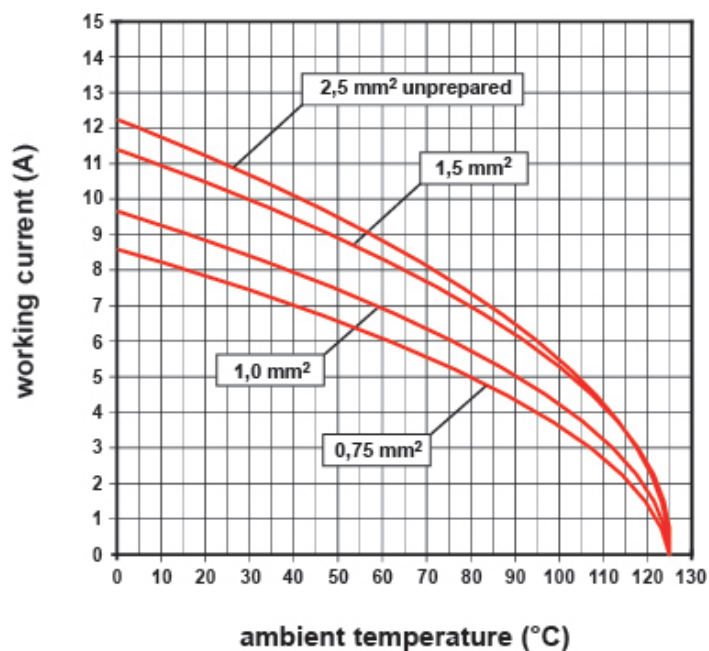


Catalogue drawings



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)