

Part number

# CX 08 CYM



Male modular insert, Mixo series, AXYR® spring push-in terminal connection without tools, 8 poles, 1 module, 16 A 400 V 6 kV 3

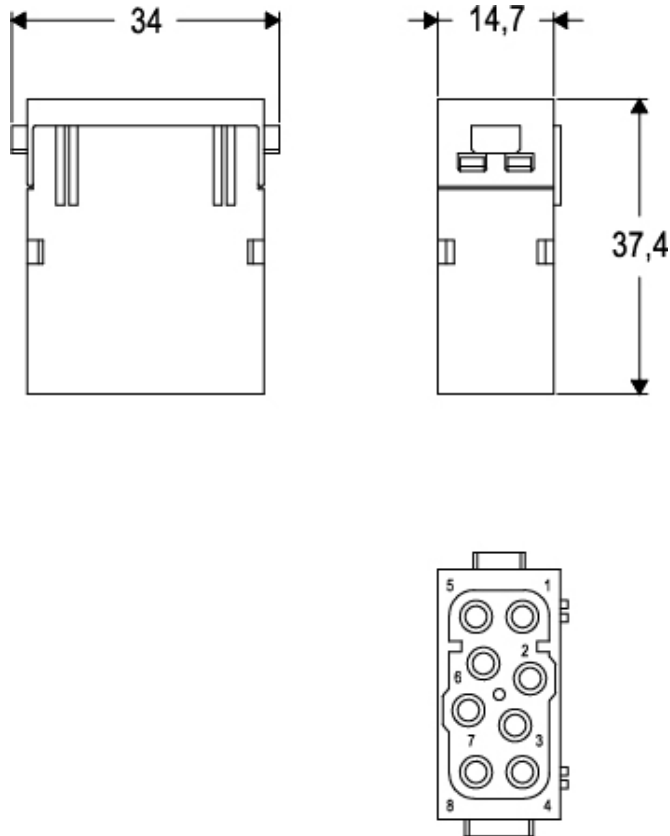
| Product description                    |                                                             | Material properties          |                                                                                |
|----------------------------------------|-------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| 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                            | 8 poles                                                     | China RoHs - EFUP            | 50                                                                             |
| Size                                   | 1 module                                                    | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                             | General ordering information |                                                                                |
| Current                                | 16 A                                                        | EAN13 code                   | 8015747284325                                                                  |
| Voltage                                | 400 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             | 1,74 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 400 V 6 kV 3                                           | Packaging quantity           | 60 Pcs                                                                         |
| Mating cycles                          | ≥ 500                                                       | Packaging EAN code           | 8015747284332                                                                  |
| Insulation resistance                  | ≥ 10 GΩ                                                     | Sub-packaging weight         | 0,03 kg                                                                        |
| Contact resistance                     | ≤ 3 mΩ                                                      | Sub-packaging description    | Plastic bag                                                                    |
| Weight                                 | 22,00 g                                                     | Sub-packaging quantity       | 1 Pcs                                                                          |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                          | Sub-packaging EAN barcode    | 8015747139908                                                                  |
| Conductors stripping length            | 9...11 mm                                                   |                              |                                                                                |
| UL 94 flammability rating              | V-0                                                         |                              |                                                                                |

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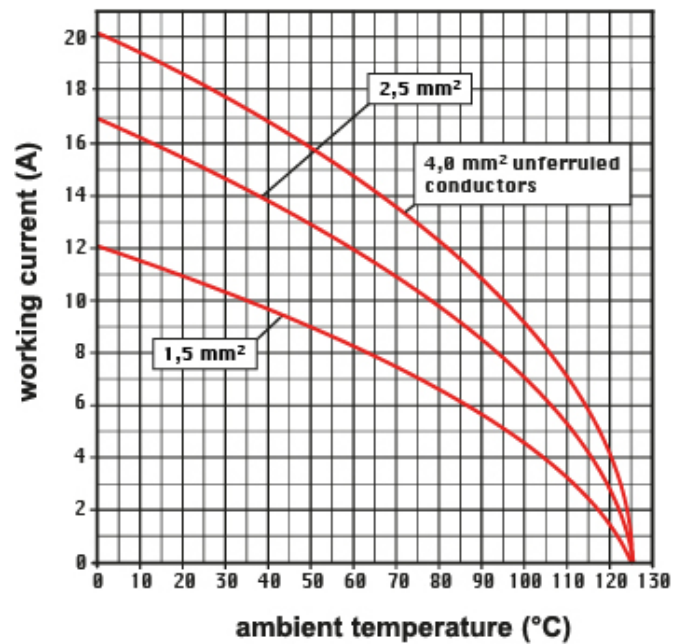


## Catalogue drawings



## Derating curves

**CX..CY 8 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)