


Part number

# CDYF 07



Female insert, CDY series, AXYR® spring push-in terminal connection without tools, 7 poles + PE, 10 A 250 V 4 kV 3, size "21.21"

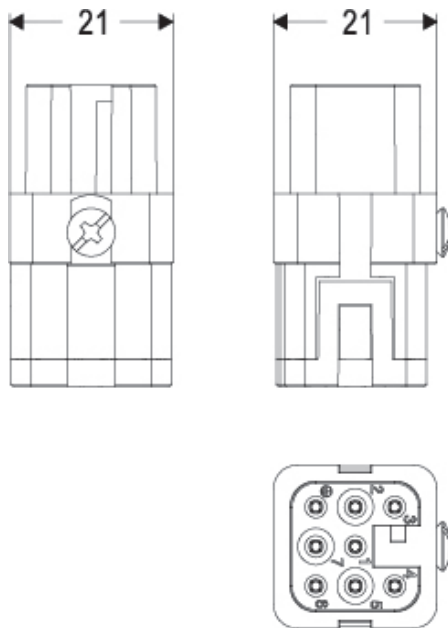
| Product description                           |  | Material properties              |  |
|---|--|----------------------------------|--|
| <b>Product type</b>                           | Insert   | <b>Main material</b>             | Polycarbonate (PC)   |
| <b>Series</b>                                 | CDY  | <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>                            | 7 poles +  | <b>China RoHs - EFUP</b>         | 50   |
| <b>Size</b>                                   | Size "21.21"   | <b>REACH SVHC substances</b>     | Yes<br>Lead  |
| Technical data                                |  | General ordering information     |  |
| <b>Current</b>                                | 10 A   | <b>EAN13 code</b>                | 8015747292832  |
| <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>Rated voltage according to UL/CSA</b>      | 600 V  | Packaging Information            |  |
| <b>IP degree of protection</b>                | IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure                              | <b>Packaging length</b>          | 280,00 mm  |
| Further technical details                     |  | <b>Packaging height</b>          | 170,00 mm  |
| <b>Characteristics according to EN 61984</b>  | 10A 250V 4kV 3; 10A 230/400V 4kV 2   | <b>Packaging width</b>           | 185,00 mm  |
| <b>Mating cycles</b>                          | ≥ 500  | <b>Packaging weight</b>          | 2,16 kg  |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ  | <b>Packaging volume</b>          | 8,81 dm <sup>3</sup>   |
| <b>Contact resistance</b>                     | ≤ 3 mΩ   | <b>Packaging description</b>     | Carton box   |
| <b>Weight</b>                                 | 18,00 g  | <b>Packaging quantity</b>        | 100 Pcs  |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C   | <b>Packaging EAN code</b>        | 8015747292849  |
| <b>Conductors stripping length</b>            | 9...11 mm  | <b>Sub-packaging weight</b>      | 0,02 kg  |
| <b>UL 94 flammability rating</b>              | V-0  | <b>Sub-packaging description</b> | Plastic bag  |
|   |  | <b>Sub-packaging quantity</b>    | 1 Pcs  |
|   |  | <b>Sub-packaging EAN barcode</b> | 8015747292856  |

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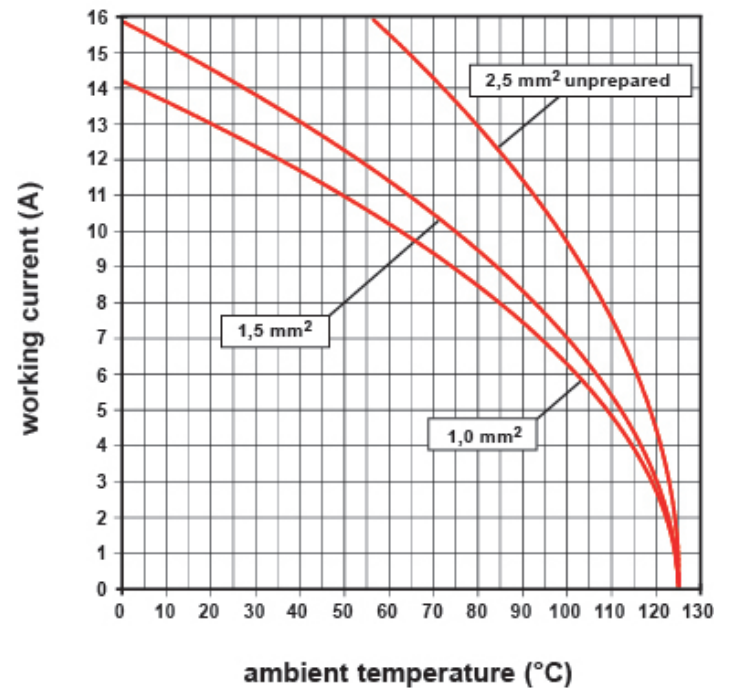


## Catalogue drawings



## Derating curves

**CDY 07 poles connector inserts**  
**Maximum current load derating diagram**



## Notes

Dimensions shown in mm are not binding and may be changed without notice.

0,14 - 1,5 mm<sup>2</sup> (26 - 16 AWG)

inserts for wires with the following cross-sectional areas:

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)

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: