

Part number

# CQEYM 46 N



Male insert, CQEY series, AXYR® spring push-in terminal connection without tools, 46 poles + PE (47-92), 16 A 500 V 6 kV 3, size "104.62"

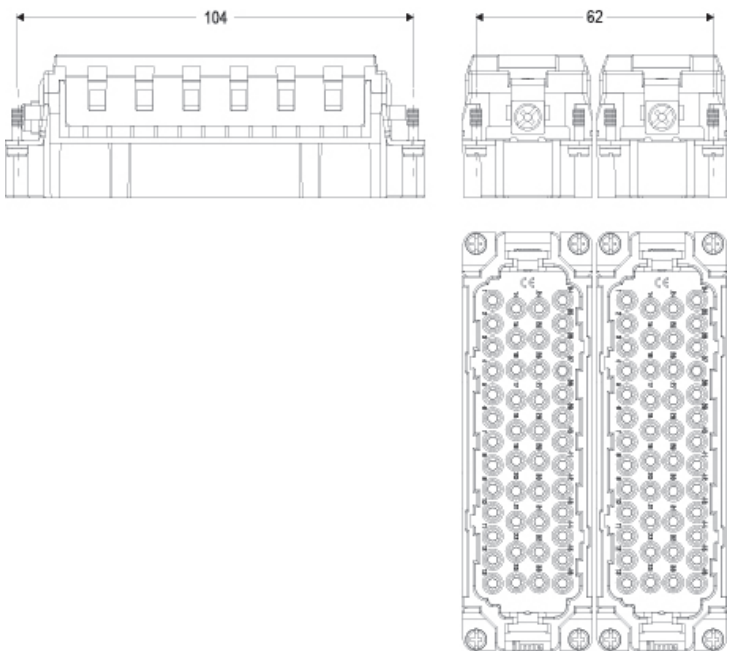
| Product description                    |                                                                                               | Material properties          |                                                                                |
|----------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                        | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CQEY                                                                                          | 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                            | 92 poles +  | China RoHS - EFUP            | 50                                                                             |
| Size                                   | Size "104.62"                                                                                 | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                                                               | General ordering information |                                                                                |
| Current                                | 16 A                                                                                          | EAN13 code                   | 8015747293266                                                                  |
| Voltage                                | 500 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             | 270,00 mm                                                                      |
| Contact type                           | Turned silver plated                                                                          | Packaging height             | 75,00 mm                                                                       |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure                                              | Packaging width              | 180,00 mm                                                                      |
| Further technical details              |                                                                                               | Packaging volume             | 3,65 dm³                                                                       |
| Characteristics according to EN 61984  | 16 A 500 V 6 kV 3                                                                             | Packaging description        | Carton box                                                                     |
| Mating cycles                          | ≥ 500                                                                                         | Packaging quantity           | 30 Pcs                                                                         |
| Insulation resistance                  | ≥ 10 GΩ                                                                                       | Packaging EAN code           | 8015747293273                                                                  |
| Contact resistance                     | ≤ 3 mΩ                                                                                        | Sub-packaging description    | Plastic bag                                                                    |
| Weight                                 | 0,33 g                                                                                        | Sub-packaging quantity       | 1 Pcs                                                                          |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                            | Sub-packaging EAN barcode    | 8015747085021                                                                  |
| Conductors stripping length            | 9...11 mm                                                                                     |                              |                                                                                |
| UL 94 flammability rating              | V-0                                                                                           |                              |                                                                                |

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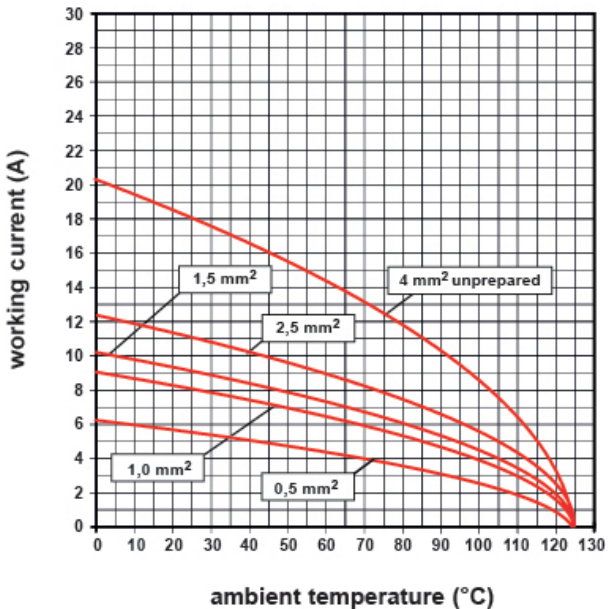


Catalogue drawings



Derating curves

**CQEY 92 poles connector inserts**  
**Maximum current load derating diagram**



Notes