

Part number

# CPF 06 RY



Female insert, CP RY series, screw terminal connection, 6 poles + PE, 35 A 400/690 V 6 kV 3, size "77.27", for applications up to 180°C, with plate

| Product description                    |                                                                                             | Material properties          |                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|
| Product type                           | Insert                                                                                      | Main material                | Polyphenylene sulfide (PPS)                           |
| Series                                 | CP RY                                                                                       | Other materials              | Contacts: copper alloy                                |
| Connection type                        | Screw terminal connection                                                                   |                              | Compliant with exemption                              |
| Gender                                 | Female                                                                                      | RoHs conformity              | 6(c): copper alloy containing up to 4% lead by weight |
| N. of poles                            | 6 poles +  | China RoHs - EFUP            | 50                                                    |
| Size                                   | Size 77.27                                                                                  | REACH SVHC substances        | Yes                                                   |
| Specification                          | With plate<br>For applications up to 180°C                                                  | Lead                         |                                                       |
| Specification                          |                                                                                             | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                  |
| Technical data                         |                                                                                             | Approvals / Standards        |                                                       |
| Current                                | 35 A                                                                                        | Reference standard           | EN 61984:2009-06                                      |
| Voltage                                | 400 - 690 V                                                                                 | Certifications               | CSA, CQC, DNV, BV, EAC                                |
| Rated impulse withstand voltage        | 6 kV                                                                                        | UL                           | ECBT2                                                 |
| Pollution degree                       | 3                                                                                           | cUL                          | ECBT8                                                 |
| Rated voltage according to UL/CSA      | 600V                                                                                        | General ordering information |                                                       |
| Wire cross-section                     | 0,75 mm <sup>2</sup> - 6,00 mm <sup>2</sup>                                                 | EAN13 code                   | 8015747036849                                         |
| AWG size                               | 18 - 10                                                                                     | eCl@ss 8.1                   | 27440205                                              |
| Contact type                           | Turned silver plated                                                                        | ETIM 7.0                     | EC000438                                              |
| IP degree of protection                | IP20 without enclosure, IP65 with enclosure                                                 | Packaging Information        |                                                       |
| Further technical details              |                                                                                             | Sub-packaging length         | 87,00 mm                                              |
| Characteristics according to EN 61984  | 35A 400/690V 6kV 3                                                                          | Sub-packaging height         | 36,00 mm                                              |
| Mating cycles                          | ≥ 500                                                                                       | Sub-packaging width          | 180,00 mm                                             |
| Insulation resistance                  | ≥ 10 GΩ                                                                                     | Sub-packaging weight         | 0,48 kg                                               |
| Weight                                 | 95,00 g                                                                                     | Sub-packaging volume         | 0,56 dm <sup>3</sup>                                  |
| Operating temperature range (min, max) | -40°C ... +180°C                                                                            | Sub-packaging description    | Carton tray                                           |
| UL 94 flammability rating              | V-0                                                                                         | Sub-packaging quantity       | 5 Pcs                                                 |
| Torque for main contact                | M4: 1,2 Nm; 10,6 lb.in (Ph1 or 0,8 x 4 mm)                                                  | Sub-packaging EAN barcode    | 8015747036856                                         |

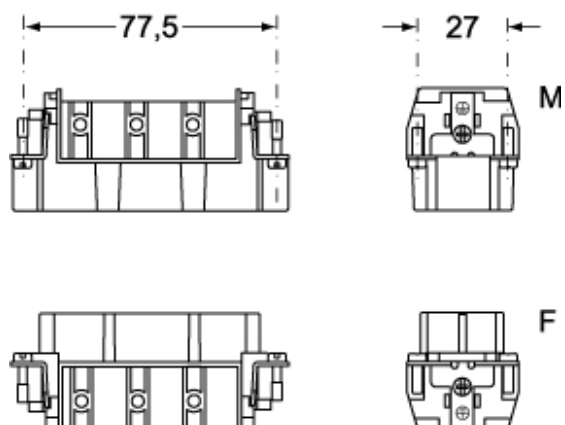
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Catalogue drawings

## CPM 06



## CPF 06

