

Part number

# CPF 06 N



Female insert, CP series, screw terminal connection, 6 poles + PE, 35 A 400/690 V 6 kV 3, size "77.62", black colour, with plate

| Product description                    |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                       |
| Series                                 | CP                                                                                           |
| Connection type                        | Screw terminal connection                                                                    |
| Gender                                 | Female                                                                                       |
| N. of poles                            | 12 poles +  |
| Size                                   | Size "77.62"                                                                                 |
| Specification                          | Black colour<br>With plate, also for non-prepared conductors                                 |
| Technical data                         |                                                                                              |
| Current                                | 35 A                                                                                         |
| Voltage                                | 400 - 690 V                                                                                  |
| Rated impulse withstand voltage        | 6 kV                                                                                         |
| Pollution degree                       | 3                                                                                            |
| Rated voltage according to UL/CSA      | 600 V                                                                                        |
| Wire cross-section                     | 0,75 mm <sup>2</sup> - 6,00 mm <sup>2</sup>                                                  |
| AWG size                               | 18 - 10                                                                                      |
| Contact type                           | Turned silver plated                                                                         |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure                                             |
| Further technical details              |                                                                                              |
| Characteristics according to EN 61984  | 35A 400/690V 6kV 3                                                                           |
| Mating cycles                          | ≥ 500                                                                                        |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      |
| Contact resistance                     | ≤ 0,5 mΩ                                                                                     |
| Weight                                 | 85,30 g                                                                                      |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                           |
| UL 94 flammability rating              | V-0                                                                                          |
| Torque for main contact                | M4: 1,2 Nm; 10,6 lb.in (Ph1 or 0,8 x 4 mm)                                                   |

| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| Other materials              | Contacts: copper alloy                                                         |
| Colour                       | RAL 9005 black                                                                 |
| RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP            | 50                                                                             |
| REACH SVHC substances        | Yes<br>Lead                                                                    |
| SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Approvals / Standards        |                                                                                |
| Reference standard           | EN 61984:2009-06                                                               |
| Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| UL                           | ECBT2                                                                          |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747036818                                                                  |
| eCl@ss 8.1                   | 27440205                                                                       |
| ETIM 7.0                     | EC000438                                                                       |
| Packaging Information        |                                                                                |
| Packaging length             | 210,00 mm                                                                      |
| Packaging height             | 200,00 mm                                                                      |
| Packaging width              | 130,00 mm                                                                      |
| Packaging weight             | 1,92 kg                                                                        |
| Packaging volume             | 5,46 dm <sup>3</sup>                                                           |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 20 Pcs                                                                         |
| Packaging EAN code           | 8015747261630                                                                  |
| Sub-packaging length         | 87,00 mm                                                                       |
| Sub-packaging height         | 36,00 mm                                                                       |
| Sub-packaging width          | 180,00 mm                                                                      |
| Sub-packaging weight         | 0,48 kg                                                                        |
| Sub-packaging volume         | 0,56 dm <sup>3</sup>                                                           |
| Sub-packaging description    | Carton tray                                                                    |
| Sub-packaging quantity       | 5 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747036825                                                                  |

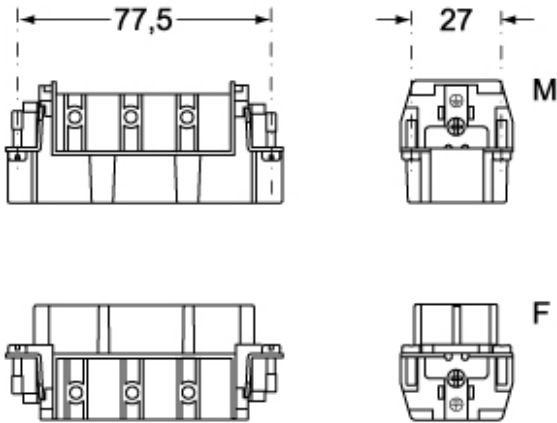
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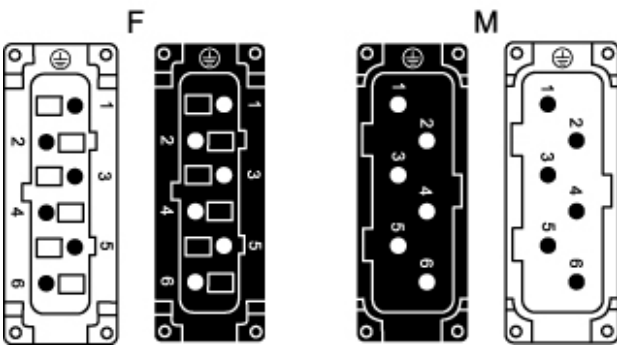


Catalogue drawings

## CPM 06 (N)



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Catalogue drawings

