

# Part number

# CPF 06



Female insert, CP series, screw terminal connection, 6 poles + PE, 35 A 400/690 V 6 kV 3, size "77.27", with plate

| Product description                    |                                                            | Material properties          |                                                                                |
|----------------------------------------|------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                     | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CP                                                         | Other materials              | Contacts: copper alloy                                                         |
| Connection type                        | Screw terminal connection                                  | Colour                       | RAL 7032 grey                                                                  |
| Gender                                 | Female                                                     |                              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| N. of poles                            | 6 poles +                                                  | RoHs conformity              |                                                                                |
| Size                                   | Size 77.27                                                 | China RoHs - EFUP            | 50                                                                             |
| Specification                          | With plate, also for non-prepared conductors               | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                            | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 35 A                                                       | Approvals / Standards        |                                                                                |
| Voltage                                | 400 - 690 V                                                | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 6 kV                                                       | Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| Pollution degree                       | 3                                                          | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600 V                                                      | General ordering information |                                                                                |
| Wire cross-section                     | 0,75 mm <sup>2</sup> - 6,00 mm <sup>2</sup>                | EAN13 code                   | 8015747036788                                                                  |
| 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/IP66/IP68/IP69 with enclosure | Packaging Information        |                                                                                |
| Further technical details              |                                                            | Packaging length             | 210,00 mm                                                                      |
| Characteristics according to EN 61984  | 35A 400/690V 6kV 3                                         | Packaging height             | 200,00 mm                                                                      |
| Mating cycles                          | ≥ 500                                                      | Packaging width              | 130,00 mm                                                                      |
| Insulation resistance                  | ≥ 10 GΩ                                                    | Packaging weight             | 1,96 kg                                                                        |
| Contact resistance                     | ≤ 0,5 mΩ                                                   | Packaging volume             | 5,46 dm <sup>3</sup>                                                           |
| Weight                                 | 87,60 g                                                    | Packaging description        | Carton box                                                                     |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                         | Packaging quantity           | 20 Pcs                                                                         |
| UL 94 flammability rating              | V-0                                                        | Packaging EAN code           | 8015747036795                                                                  |
| Torque for main contact                | M4: 1,2 Nm; 10,6 lb.in (Ph1 or 0,8 x 4 mm)                 | Sub-packaging length         | 87,00 mm                                                                       |
|                                        |                                                            | Sub-packaging height         | 36,00 mm                                                                       |
|                                        |                                                            | Sub-packaging width          | 180,00 mm                                                                      |
|                                        |                                                            | Sub-packaging weight         | 0,49 kg                                                                        |
|                                        |                                                            | Sub-packaging volume         | 0,56 dm <sup>3</sup>                                                           |
|                                        |                                                            | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                            | Sub-packaging quantity       | 5 Pcs                                                                          |
|                                        |                                                            | Sub-packaging EAN barcode    | 8015747036801                                                                  |

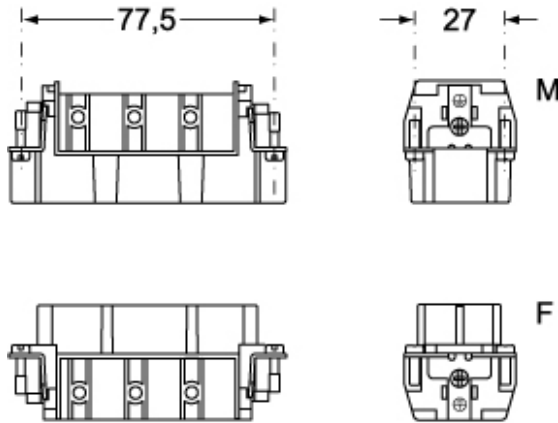
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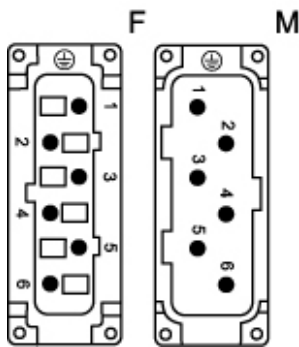


## Catalogue drawings

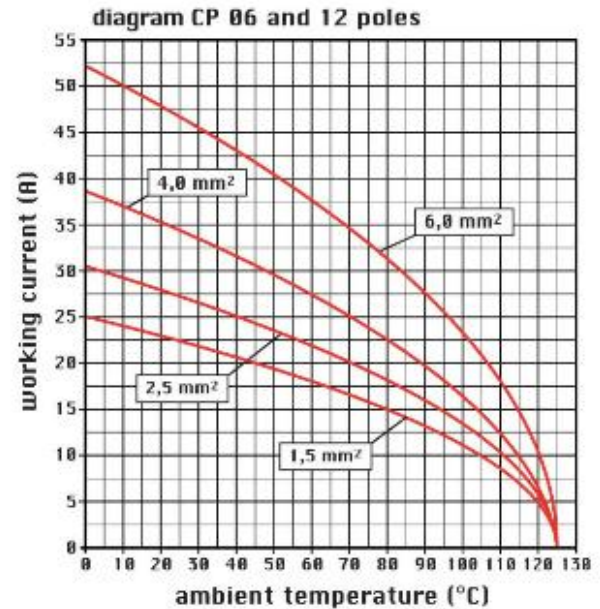
### CPM 06



### CPF 06



## Catalogue drawings



## Notes

### CPF/M 06 inserts

- characteristics according to EN 61984:  
35A 400/690V 6kV 3
- UL, CSA, CCC, GOST certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 0,5 mOhm
- inserts with plate, for section conductors:  
0.75 ÷ 6 mm² - AWG 18 ÷ 10
- conductors stripping length: 10.5 mm
- terminal screw torque: 1.2 Nm
- enclosures: size 77.27:
- C-TYPE IP65/IP66
- C7 IP67 stainless steel lever
- V-TYPE IP65/IP66 stainless steel lever

- T-TYPE IP65 insulating
- JEI zinc-plated steel lever
- BIG hoods
- W-TYPE aggressive environments
- EMC
- central lever
- IP68
- panel supports: COB

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

### California Proposition 65 Information



### WARNING

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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