

Part number

# CXF 6/6



Female insert, CX series, crimp connection, 6 + 6 poles + PE, 100 A 690 V 8 kV 3 / 16 A 400 V 6 kV 3, size "104.27"

#### Product description

|                        |                  |
|------------------------|------------------|
| <b>Product type</b>    | Insert           |
| <b>Series</b>          | CX               |
| <b>Connection type</b> | Crimp connection |
| <b>Gender</b>          | Female           |
| <b>N. of poles</b>     | 6 poles +        |
| <b>Auxiliary poles</b> | 6 poles          |
| <b>Size</b>            | Size 104.27      |

#### Technical data

|  |  |
|--|--|
| <b>Current</b>                           | 100 A  |
| <b>Voltage</b>                           | 690 V  |
| <b>Rated impulse withstand voltage</b>   | 8 kV   |
| <b>Pollution degree</b>                  | 3  |
| <b>Rated voltage according to UL/CSA</b> | 600 V  |
| <b>IP degree of protection</b>           | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

#### Further technical details

|   |  |
|---|--|
| <b>Characteristics according to EN 61984</b>  | 100A 690V 8kV 3 (aux: 16A 400V 6kV 3)      |
| <b>Mating cycles</b>                          | ≥ 500                                      |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ                                    |
| <b>Contact resistance</b>                     | ≤ 0,3 mΩ (100A); ≤ 1 mΩ (16A)              |
| <b>Weight</b>                                 | 116,50 g                                   |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                         |
| <b>Conductors stripping length</b>            | 100A: 15mm; 16A: 7,5mm                     |
| <b>UL 94 flammability rating</b>              | V-0  |
| <b>Tightening torque for PE connection</b>    | M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm ) |
| <b>Tightening torque for fixing screws</b>    | M3: 0.5 Nm; 4.4 lb.in (Ph1 or 0.8x4 mm)    |

#### Material properties

|                              |                        |
|------------------------------|------------------------|
| <b>Main material</b>         | Polycarbonate (PC)     |
| <b>Colour</b>                | RAL 7032 grey          |
| <b>RoHs conformity</b>       | Compliant              |
| <b>China RoHs - EFUP</b>     | E                      |
| <b>REACH SVHC substances</b> | No                     |
| <b>Approvals / Standards</b> |                        |
| <b>Reference standard</b>    | EN 61984:2009-06       |
| <b>Certifications</b>        | CSA, CQC, DNV, BV, EAC |
| <b>UL</b>                    | ECBT2                  |
| <b>cUL</b>                   | ECBT8                  |

#### General ordering information

|                   |               |
|-------------------|---------------|
| <b>EAN13 code</b> | 8015747192170 |
| <b>eCl@ss 8.1</b> | 27440205      |
| <b>ETIM 7.0</b>   | EC000438      |

#### Packaging Information

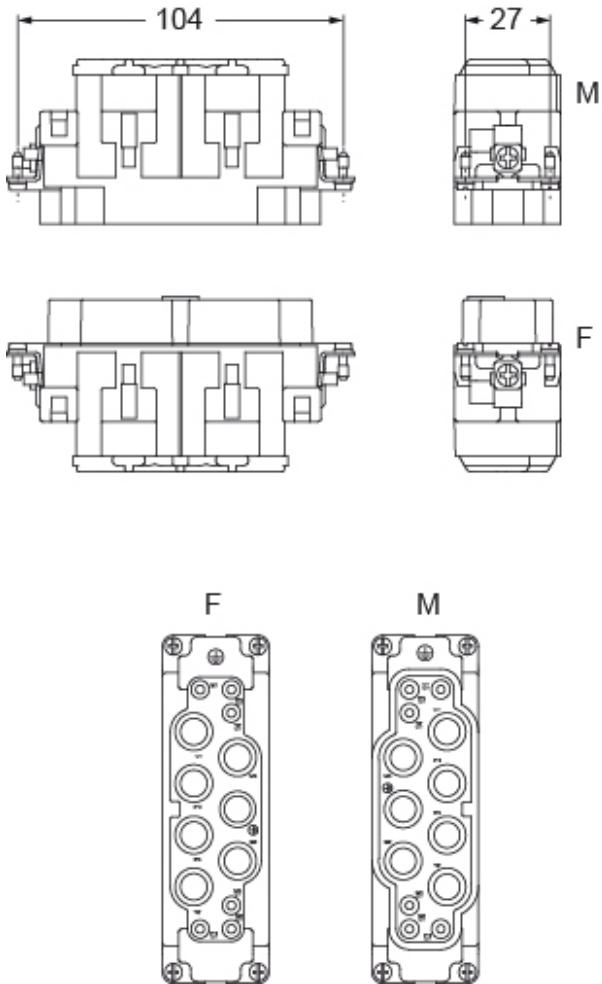
|                                  |                      |
|----------------------------------|----------------------|
| <b>Packaging length</b>          | 130,00 mm            |
| <b>Packaging height</b>          | 145,00 mm            |
| <b>Packaging width</b>           | 300,00 mm            |
| <b>Packaging weight</b>          | 1,32 kg              |
| <b>Packaging volume</b>          | 5,66 dm <sup>3</sup> |
| <b>Packaging description</b>     | Carton box           |
| <b>Packaging quantity</b>        | 10 Pcs               |
| <b>Packaging EAN code</b>        | 8015747192187        |
| <b>Sub-packaging weight</b>      | 0,13 kg              |
| <b>Sub-packaging description</b> | Plastic bag          |
| <b>Sub-packaging quantity</b>    | 1 Pcs                |
| <b>Sub-packaging EAN barcode</b> | 8015747192194        |

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## Catalogue drawings



## Notes

### California Proposition 65 Information



### WARNING

This product can expose you to nickel 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).

without notice.