

Part number

# CNEF 10 T



Female insert, CNE series, screw terminal connection, 10 poles + PE, 16 A 500 V 6 kV 3, size "57.27", with plate

| Product description                    |                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                       |
| Series                                 | CNE                                                                                          |
| Connection type                        | Screw terminal connection                                                                    |
| Gender                                 | Female                                                                                       |
| N. of poles                            | 10 poles +  |
| Size                                   | Size 57.27                                                                                   |
| Specification                          | With plate, also for non-prepared conductors                                                 |
| Technical data                         |                                                                                              |
| Current                                | 16 A                                                                                         |
| Voltage                                | 500 V                                                                                        |
| Rated impulse withstand voltage        | 6 kV                                                                                         |
| Pollution degree                       | 3                                                                                            |
| Rated voltage according to UL/CSA      | 600 V                                                                                        |
| Wire cross-section                     | 0,50 mm <sup>2</sup> - 4,00 mm <sup>2</sup>                                                  |
| AWG size                               | 20 - 12                                                                                      |
| Contact type                           | Turned silver plated                                                                         |
| IP degree of protection                | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure                                   |
| Further technical details              |                                                                                              |
| Characteristics according to EN 61984  | 16A 500V 6kV 3; 16A 400/690V 6kV 2                                                           |
| Mating cycles                          | ≥ 500                                                                                        |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      |
| Contact resistance                     | ≤ 1 mΩ                                                                                       |
| Weight                                 | 62,50 g                                                                                      |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                           |
| Conductors stripping length            | 7 mm                                                                                         |
| UL 94 flammability rating              | V-0                                                                                          |
| Torque for main contact                | M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,8 x 4 mm)                                                    |
| Tightening torque for PE connection    | M3: 0,5 Nm; 4,4 lb.in (0,5x3mm )                                                             |
| Tightening torque for fixing screws    | M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)                                                             |

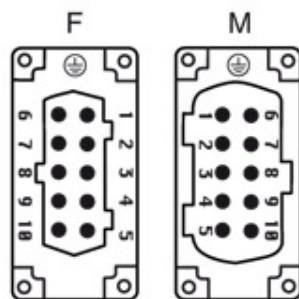
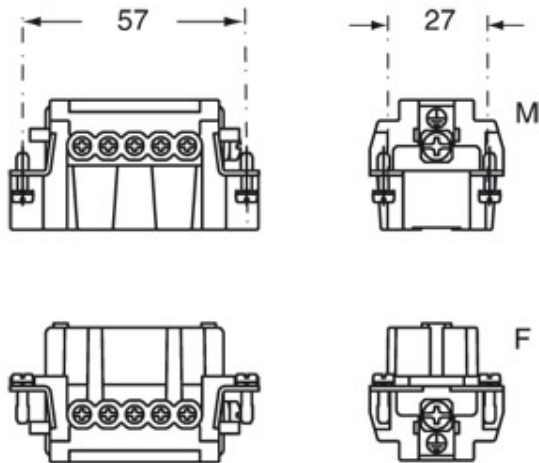
| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| Other materials              | Contacts: copper alloy                                                         |
| Colour                       | RAL 7032 grey                                                                  |
| 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, PVVA2                                                                   |
| cUL                          | ECBT8, PVVA8                                                                   |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747032193                                                                  |
| eCl@ss 8.1                   | 27440205                                                                       |
| ETIM 7.0                     | EC000438                                                                       |
| Packaging Information        |                                                                                |
| Packaging length             | 210,00 mm                                                                      |
| Packaging height             | 75,00 mm                                                                       |
| Packaging width              | 180,00 mm                                                                      |
| Packaging weight             | 2,10 kg                                                                        |
| Packaging volume             | 2,84 dm <sup>3</sup>                                                           |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 30 Pcs                                                                         |
| Packaging EAN code           | 8015747032209                                                                  |
| Sub-packaging length         | 67,00 mm                                                                       |
| Sub-packaging height         | 36,00 mm                                                                       |
| Sub-packaging width          | 180,00 mm                                                                      |
| Sub-packaging weight         | 0,35 kg                                                                        |
| Sub-packaging volume         | 0,43 dm <sup>3</sup>                                                           |
| Sub-packaging description    | Carton tray                                                                    |
| Sub-packaging quantity       | 5 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747032216                                                                  |

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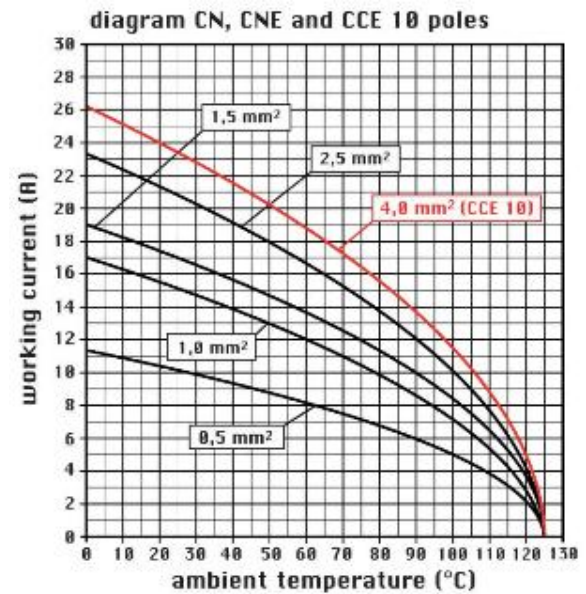
# CNEF 10 T



Catalogue drawings



Catalogue drawings



## Notes

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

CNE ... : for non-prepared conductors



CNE ... X : for conductors with bush terminal

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### **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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