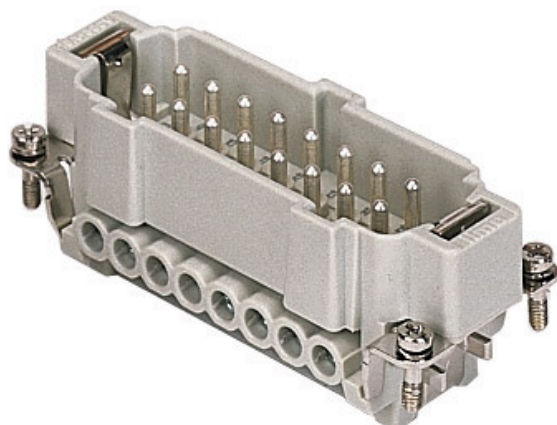


Part number

# CNEM 16 T



Male insert, CNE series, screw terminal connection, 16 poles + PE, 16 A 500 V 6 kV 3, size "77.27", with plate

| Product description |                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------|
| Product type        | Insert                                                                                       |
| Series              | CNE                                                                                          |
| Connection type     | Screw terminal connection                                                                    |
| Gender              | Male                                                                                         |
| N. of poles         | 16 poles +  |
| Size                | Size 77.27                                                                                   |
| 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                                 | 82,00 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) |

| 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                   | 8015747033060 |
| eCl@ss 8.1                   | 27440205      |
| ETIM 7.0                     | EC000438      |

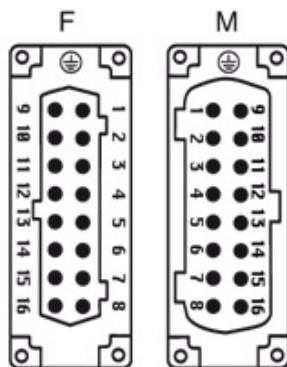
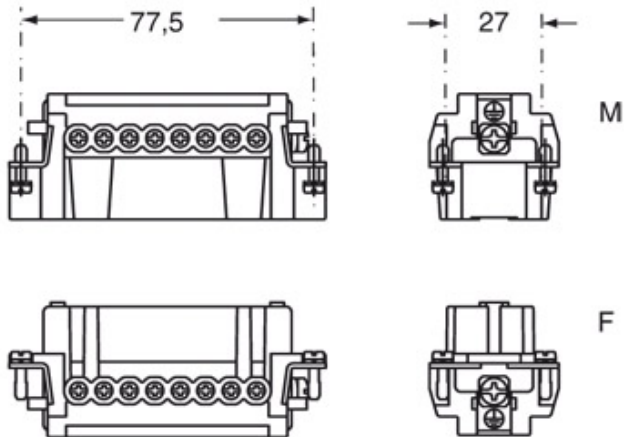
| Packaging Information     |                      |
|---------------------------|----------------------|
| Packaging length          | 230,00 mm            |
| Packaging height          | 110,00 mm            |
| Packaging width           | 180,00 mm            |
| Packaging weight          | 2,79 kg              |
| Packaging volume          | 4,55 dm <sup>3</sup> |
| Packaging description     | Carton box           |
| Packaging quantity        | 30 Pcs               |
| Packaging EAN code        | 8015747033077        |
| Sub-packaging length      | 87,00 mm             |
| Sub-packaging height      | 36,00 mm             |
| Sub-packaging width       | 180,00 mm            |
| Sub-packaging weight      | 0,47 kg              |
| Sub-packaging volume      | 0,56 dm <sup>3</sup> |
| Sub-packaging description | Carton tray          |
| Sub-packaging quantity    | 5 Pcs                |
| Sub-packaging EAN barcode | 8015747033084        |

Part number

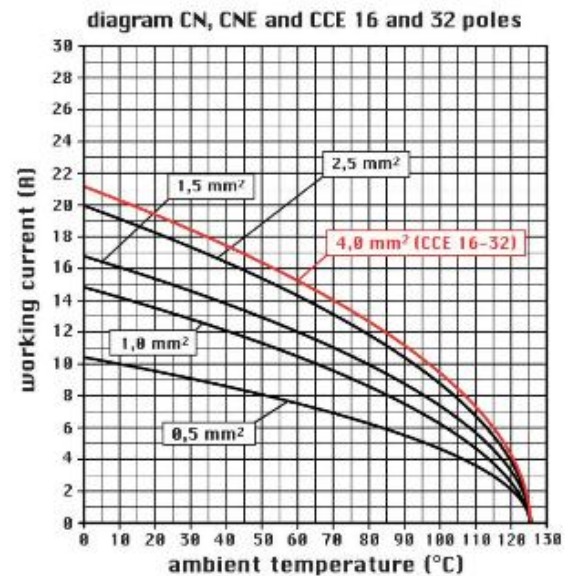
# CNEM 16 T



Catalogue drawings



Catalogue drawings



## Notes

CNEF/M 16 T inserts:

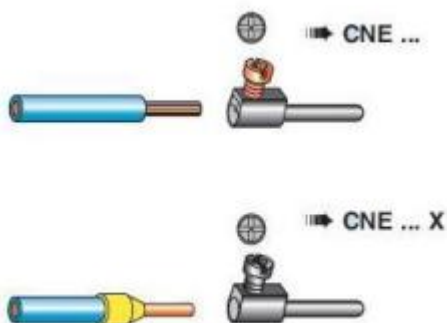
- characteristics according to EN 61984:  
(16A 500V 6kV 3)  
(16A 400/690V 6kV 2)
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 1 mOhm
- 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.

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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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