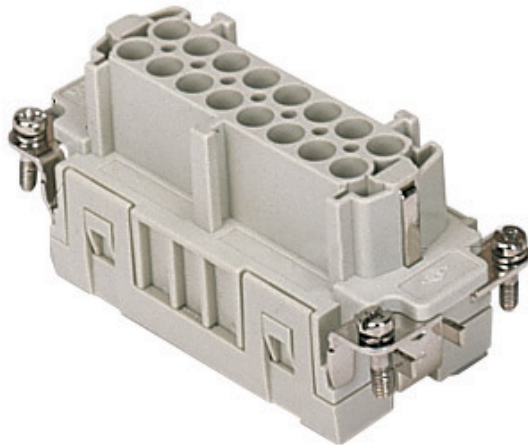


Part number

# CCEF 16 N



Female insert, CCE series, crimp connection,  
16 poles + PE (17-32), 16 A 500 V 6 kV 3, size  
"77.62"

| Product description                    |                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                        |
| Series                                 | CCE                                                                                           |
| Connection type                        | Crimp connection                                                                              |
| Gender                                 | Female                                                                                        |
| N. of poles                            | 32 poles +  |
| Size                                   | Size 77.62                                                                                    |
| 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                                                                                         |
| Pole numbering system                  | 17-32                                                                                         |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 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                                 | 61,00 g                                                                                       |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                            |
| UL 94 flammability rating              | V-0                                                                                           |

| Material properties          |                        |
|------------------------------|------------------------|
| Main material                | Polycarbonate (PC)     |
| Colour                       | RAL 7032 grey          |
| RoHs conformity              | Compliant              |
| China RoHs - EFUP            | E                      |
| REACH SVHC substances        | No                     |
| Approvals / Standards        |                        |
| Reference standard           | EN 61984:2009-06       |
| Certifications               | CSA, CQC, DNV, BV, EAC |
| UL                           | ECBT2, PVVA2           |
| cUL                          | PVVA8                  |
| General ordering information |                        |
| EAN13 code                   | 8015747114066          |
| 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             | 2,20 kg                |
| Packaging volume             | 4,55 dm³               |
| Packaging description        | Carton box             |
| Packaging quantity           | 30 Pcs                 |
| Packaging EAN code           | 8015747114158          |
| Sub-packaging length         | 87,00 mm               |
| Sub-packaging height         | 36,00 mm               |
| Sub-packaging width          | 180,00 mm              |
| Sub-packaging weight         | 0,37 kg                |
| Sub-packaging volume         | 0,56 dm³               |
| Sub-packaging description    | Carton tray            |
| Sub-packaging quantity       | 5 Pcs                  |
| Sub-packaging EAN barcode    | 8015747114165          |

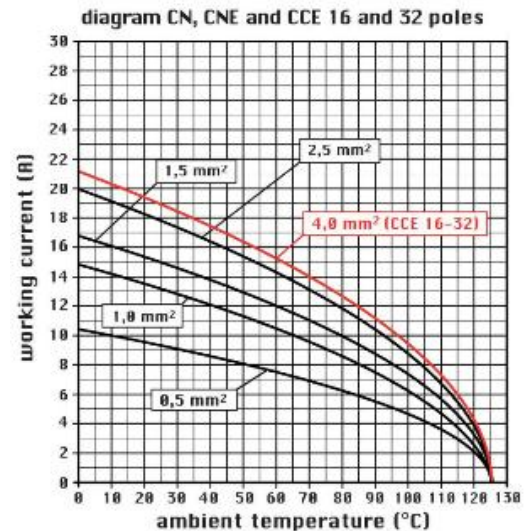
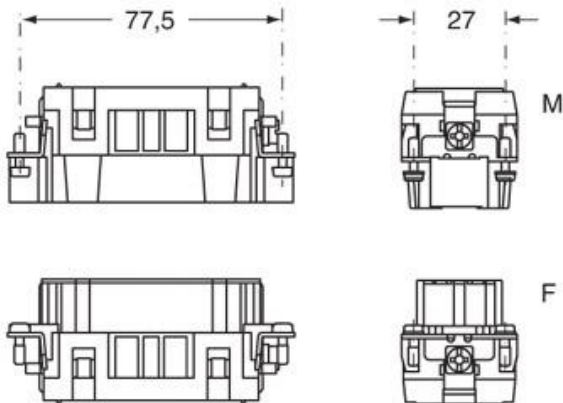
Part number

# CCEF 16 N



Catalogue drawings

Catalogue drawings

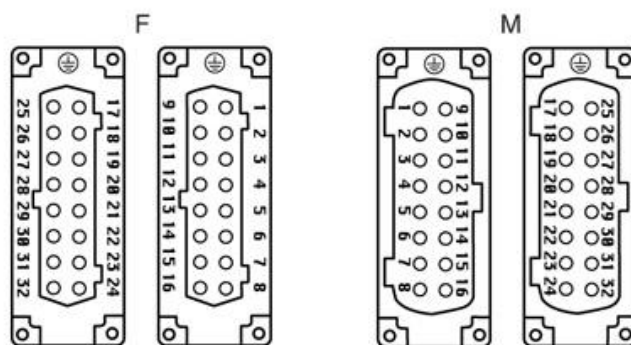


CCEF 16 N

CCEF 16

CCEM 16 N

CCEM 16



## Notes

CCEF/M 16 N 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 "77.62":  
C-TYPE IP65/IP66  
W-TYPE aggressive environments.

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

### 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).

---