


Part number

# CSEF 16 N



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

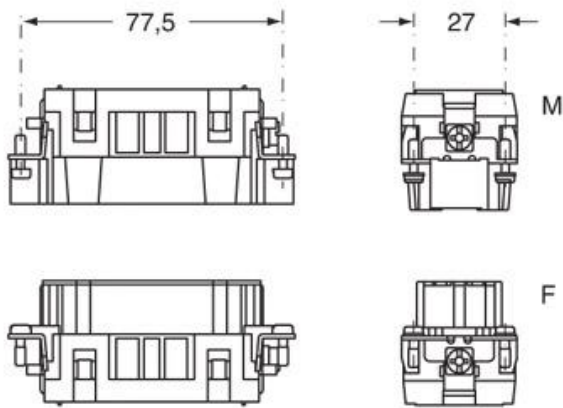
| Product description                           |  | Material properties              |  |
|---|--|----------------------------------|--|
| <b>Product type</b>                           | Insert   | <b>Main material</b>             | Polycarbonate (PC)   |
| <b>Series</b>                                 | CSE  | <b>Colour</b>                    | RAL 7032 grey  |
| <b>Connection type</b>                        | Spring terminal connection   | <b>RoHs conformity</b>           | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| <b>Gender</b>                                 | Female   | <b>China RoHs - EFUP</b>         | 50   |
| <b>N. of poles</b>                            | 32 poles +  | <b>REACH SVHC substances</b>     | Yes<br>Lead  |
| <b>Size</b>                                   | Size 77.62   | <b>SCIP number</b>               | 1a9c93ff-0445-4a16-81e3-1609ac5274d6   |
| Technical data                                |  | Approvals / Standards            |  |
| <b>Current</b>                                | 16 A   | <b>Reference standard</b>        | EN 61984:2009-06   |
| <b>Voltage</b>                                | 500 V  | <b>Certifications</b>            | CSA, CQC, DNV, BV, EAC   |
| <b>Rated impulse withstand voltage</b>        | 6 kV   | <b>UL</b>                        | ECBT2  |
| <b>Pollution degree</b>                       | 3  | General ordering information     |  |
| <b>Rated voltage according to UL/CSA</b>      | 600 V  | <b>EAN13 code</b>                | 8015747094481  |
| <b>Wire cross-section</b>                     | 0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>  | <b>ETIM 7.0</b>                  | EC000438   |
| <b>AWG size</b>                               | 26 - 14  | Packaging Information            |  |
| <b>Contact type</b>                           | Turned silver plated   | <b>Packaging length</b>          | 230,00 mm  |
| <b>Pole numbering system</b>                  | 17-32  | <b>Packaging height</b>          | 110,00 mm  |
| <b>IP degree of protection</b>                | IP20 without enclosure, IP65/IP66 with enclosure   | <b>Packaging width</b>           | 180,00 mm  |
| Further technical details                     |  | <b>Packaging weight</b>          | 2,77 kg  |
| <b>Characteristics according to EN 61984</b>  | 16A 500V 6kV 3; 16A 400/690V 6kV 2   | <b>Packaging volume</b>          | 4,55 dm <sup>3</sup>   |
| <b>Mating cycles</b>                          | ≥ 500  | <b>Packaging description</b>     | Carton box   |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ  | <b>Packaging quantity</b>        | 30 Pcs   |
| <b>Contact resistance</b>                     | ≤ 3 mΩ   | <b>Packaging EAN code</b>        | 8015747094498  |
| <b>Weight</b>                                 | 89,00 g  | <b>Sub-packaging length</b>      | 87,00 mm   |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C   | <b>Sub-packaging height</b>      | 36,00 mm   |
| <b>Conductors stripping length</b>            | 9...11 mm  | <b>Sub-packaging width</b>       | 180,00 mm  |
| <b>UL 94 flammability rating</b>              | V-0  | <b>Sub-packaging weight</b>      | 0,46 kg  |
|   |  | <b>Sub-packaging volume</b>      | 0,56 dm <sup>3</sup>   |
|   |  | <b>Sub-packaging description</b> | Carton tray  |
|   |  | <b>Sub-packaging quantity</b>    | 5 Pcs  |
|   |  | <b>Sub-packaging EAN barcode</b> | 8015747094504  |

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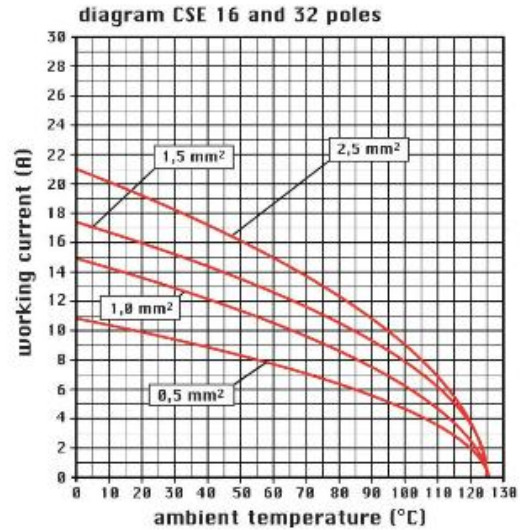
# CSEF 16 N



Catalogue drawings

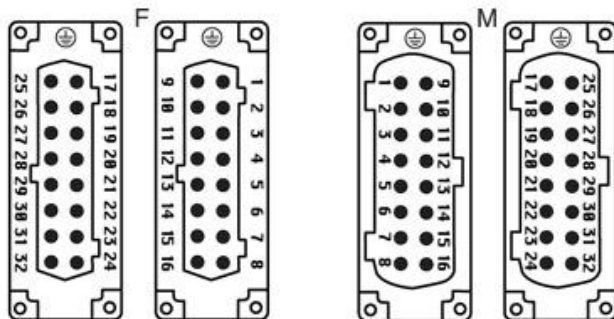


Catalogue drawings



CSEF 16 N  
CSEF 16

CSEM 16 N  
CSEM 16



## Notes

CSEF/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: < 3 mOhm
- enclosures: size "77.62":  
C-TYPE IP65/IP66

W-YPE 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 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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