


Part number

# CNEMD 06 RY



Male insert, CNE RY series, screw terminal connection, 6 poles + PE, 16 A 500 V 6 kV 3, size "44.27", for applications up to 180°C, with plate

| Product description                           |   |
|---|---|
| <b>Product type</b>                           | Insert  |
| <b>Series</b>                                 | CNE RY  |
| <b>Connection type</b>                        | Screw terminal connection   |
| <b>Gender</b>                                 | Male  |
| <b>N. of poles</b>                            | 6 poles +  |
| <b>Size</b>                                   | Size 44.27  |
| <b>Specification</b>                          | With plate<br>For applications up to 180°C  |
| Technical data                                |   |
| <b>Current</b>                                | 16 A  |
| <b>Voltage</b>                                | 500 V   |
| <b>Rated impulse withstand voltage</b>        | 6 kV  |
| <b>Pollution degree</b>                       | 3   |
| <b>Rated voltage according to UL/CSA</b>      | 600 V   |
| <b>Wire cross-section</b>                     | 0,50 mm <sup>2</sup> - 4,00 mm <sup>2</sup>   |
| <b>AWG size</b>                               | 20 - 12   |
| <b>Contact type</b>                           | Turned gold plated  |
| <b>IP degree of protection</b>                | IP20 without enclosure, IP65 with enclosure   |
| Further technical details                     |   |
| <b>Characteristics according to EN 61984</b>  | 16A 500V 6kV 3; 16A 400/690V 6kV 2  |
| <b>Mating cycles</b>                          | ≥ 500   |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ   |
| <b>Contact resistance</b>                     | ≤ 1 mΩ  |
| <b>Weight</b>                                 | 50,00 g   |
| <b>Operating temperature range (min, max)</b> | -40°C ... +180°C  |
| <b>Conductors stripping length</b>            | 7 mm  |
| <b>UL 94 flammability rating</b>              | V-0   |
| <b>Torque for main contact</b>                | M3: 0.5 Nm; 4.4 lb.in (Ph0 or 0,8 x 4)  |
| <b>Tightening torque for PE connection</b>    | M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,8 x 4)  |
| <b>Tightening torque for fixing screws</b>    | M3: 0.5 Nm; 4.4 lb.in (Ph0 or 0,8 x 4)  |

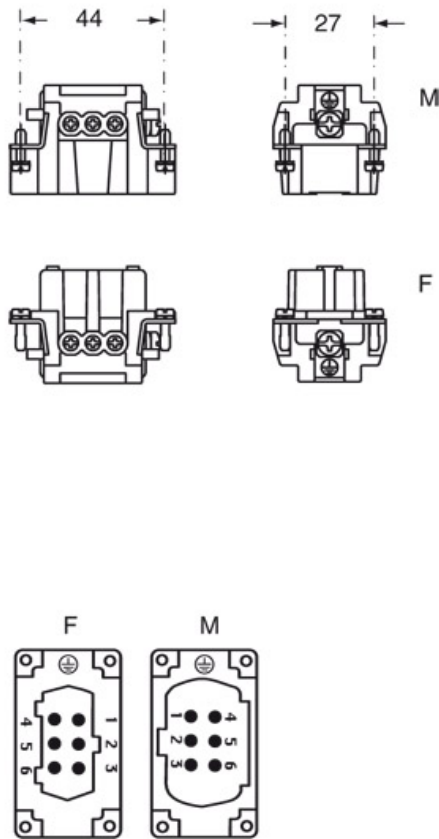
| Material properties              |  |
|----------------------------------|--|
| <b>Main material</b>             | Polyphenylene sulfide (PPS)  |
| <b>Other materials</b>           | Contacts: copper alloy   |
| <b>RoHs conformity</b>           | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| <b>China RoHs - EFUP</b>         | 50   |
| <b>REACH SVHC substances</b>     | Yes<br>Lead  |
| <b>SCIP number</b>               | 1a9c93ff-0445-4a16-81e3-1609ac5274d6   |
| Approvals / Standards            |  |
| <b>Certifications</b>            | CSA, CQC, DNV, BV, EAC   |
| <b>UL</b>                        | ECBT2  |
| <b>cUL</b>                       | ECBT8  |
| General ordering information     |  |
| <b>EAN13 code</b>                | 8015747129510  |
| <b>ETIM 7.0</b>                  | EC000438   |
| Packaging Information            |  |
| <b>Packaging length</b>          | 270,00 mm  |
| <b>Packaging height</b>          | 75,00 mm   |
| <b>Packaging width</b>           | 180,00 mm  |
| <b>Packaging weight</b>          | 3,20 kg  |
| <b>Packaging volume</b>          | 3,65 dm <sup>3</sup>   |
| <b>Packaging description</b>     | Carton box   |
| <b>Packaging quantity</b>        | 60 Pcs   |
| <b>Packaging EAN code</b>        | 8015747129565  |
| <b>Sub-packaging length</b>      | 104,00 mm  |
| <b>Sub-packaging height</b>      | 36,00 mm   |
| <b>Sub-packaging width</b>       | 180,00 mm  |
| <b>Sub-packaging weight</b>      | 0,53 kg  |
| <b>Sub-packaging volume</b>      | 0,67 dm <sup>3</sup>   |
| <b>Sub-packaging description</b> | Carton tray  |
| <b>Sub-packaging quantity</b>    | 10 Pcs   |
| <b>Sub-packaging EAN barcode</b> | 8015747129572  |

Part number

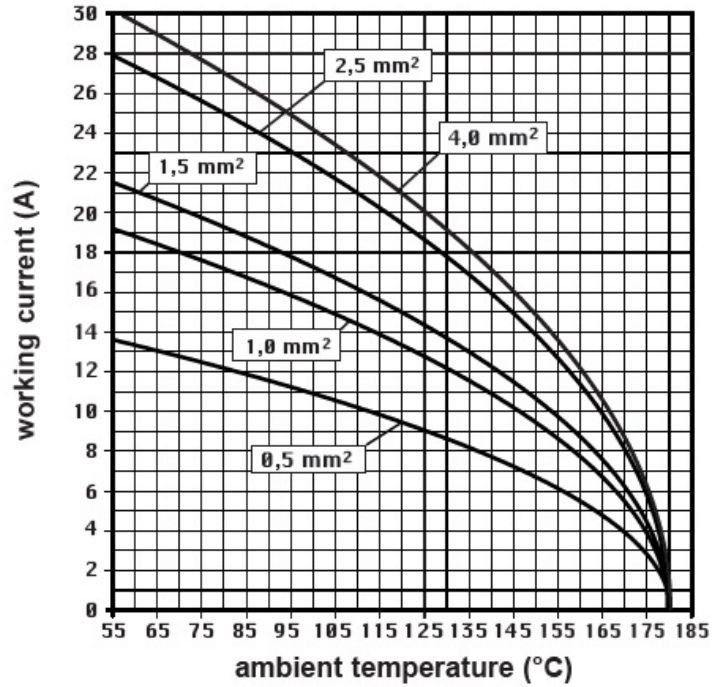
# CNEMD 06 RY



Catalogue drawings



Derating curves



## Notes

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

- CNE...RY: for non-prepared conductors
- inserts with plate for section conductors: 0.5 - 4 mm<sup>2</sup> - AWG 20 - 12
- conductors stripping length: 7 mm
- terminal screw torque: 0.5 Nm



**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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