

Part number

CNEF 24 RY



Female insert, CNE RY series, screw terminal connection, 24 poles + PE, 16 A 500 V 6 kV 3, size "104.27", for applications up to 180°C, with plate

Product description

| | |
|------------------------|--|
| Product type | Insert |
| Series | CNE RY |
| Connection type | Screw terminal connection |
| Gender | Female |
| N. of poles | 24 poles + |
| Size | Size 104.27 |
| Specification | With plate For applications up to 180°C |

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 ² - 4,00 mm ² |
| AWG size | 20 - 12 |
| Contact type | Turned silver plated |
| IP degree of protection | IP20 without enclosure, IP65 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 | 116,00 g |
| Operating temperature range (min, max) | -40°C ... +180°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) |
| Tightening torque for PE connection | M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,8 x 4) |
| Tightening torque for fixing screws | M3: 0.5 Nm; 4.4 lb.in (Ph0 or 0,8 x 4) |

Material properties

| | |
|------------------------------|--|
| Main material | Polyphenylene sulfide (PPS) |
| Other materials | Contacts: copper alloy |
| RoHs conformity | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP | 50 |
| REACH SVHC substances | Yes Lead |
| SCIP number | 1a9c93ff-0445-4a16-81e3-1609ac5274d6 |

Approvals / Standards

| | |
|---------------------------|------------------------|
| Reference standard | EN 61984:2009-06 |
| Certifications | CSA, CQC, DNV, BV, EAC |
| UL | ECBT2 |
| cUL | ECBT8 |

General ordering information

| | |
|-------------------|---------------|
| EAN13 code | 8015747109031 |
| eCl@ss 8.1 | 27440205 |
| ETIM 7.0 | EC000438 |

Packaging Information

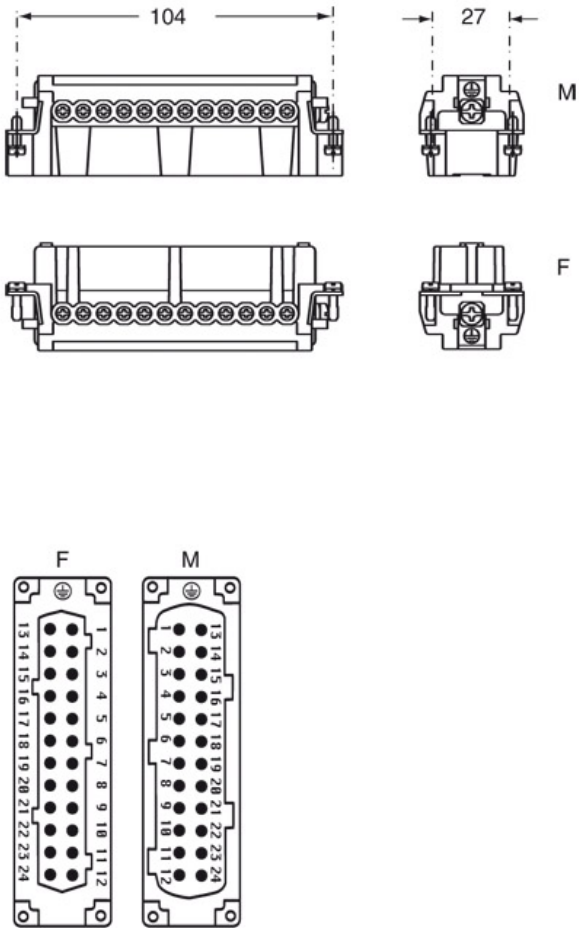
| | |
|----------------------------------|----------------------|
| Packaging length | 270,00 mm |
| Packaging height | 75,00 mm |
| Packaging width | 180,00 mm |
| Packaging weight | 3,86 kg |
| Packaging volume | 3,65 dm ³ |
| Packaging description | Carton box |
| Packaging quantity | 30 Pcs |
| Packaging EAN code | 8015747110037 |
| Sub-packaging length | 113,00 mm |
| Sub-packaging height | 36,00 mm |
| Sub-packaging width | 180,00 mm |
| Sub-packaging weight | 0,64 kg |
| Sub-packaging volume | 0,73 dm ³ |
| Sub-packaging description | Carton tray |
| Sub-packaging quantity | 5 Pcs |
| Sub-packaging EAN barcode | 8015747110044 |

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Catalogue drawings



Derating curves

