

Part number

CNEM 16 RY



Male insert, CNE RY series, screw terminal connection, 16 poles + PE, 16 A 500 V 6 kV 3, size "77.27", for applications up to 180°C, with plate

Product description

Product type	Insert
Series	CNE RY
Connection type	Screw terminal connection
Gender	Male
N. of poles	16 poles +
Size	Size 77.27
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	86,00 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	8015747109062
eCl@ss 8.1	27440205
ETIM 7.0	EC000438

Packaging Information

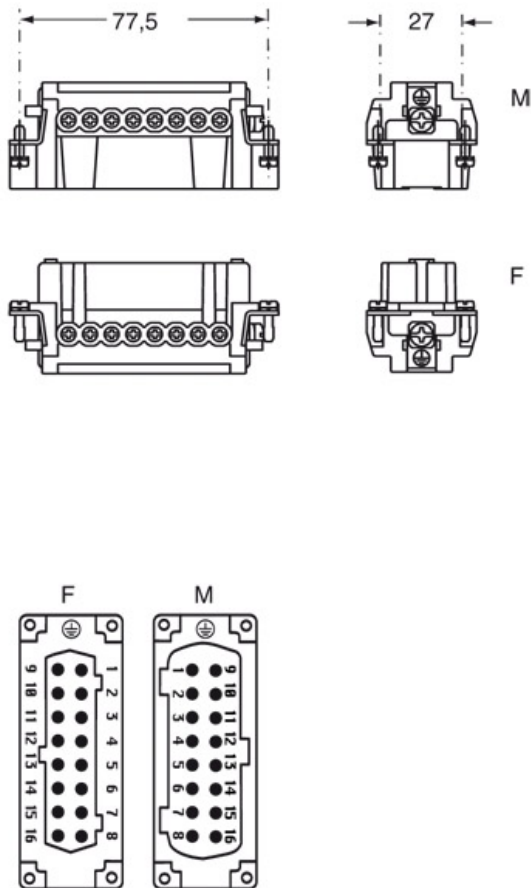
Packaging length	230,00 mm
Packaging height	110,00 mm
Packaging width	180,00 mm
Packaging weight	2,89 kg
Packaging volume	4,55 dm ³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747109970
Sub-packaging length	87,00 mm
Sub-packaging height	36,00 mm
Sub-packaging width	180,00 mm
Sub-packaging weight	0,48 kg
Sub-packaging volume	0,56 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747109987

Part number

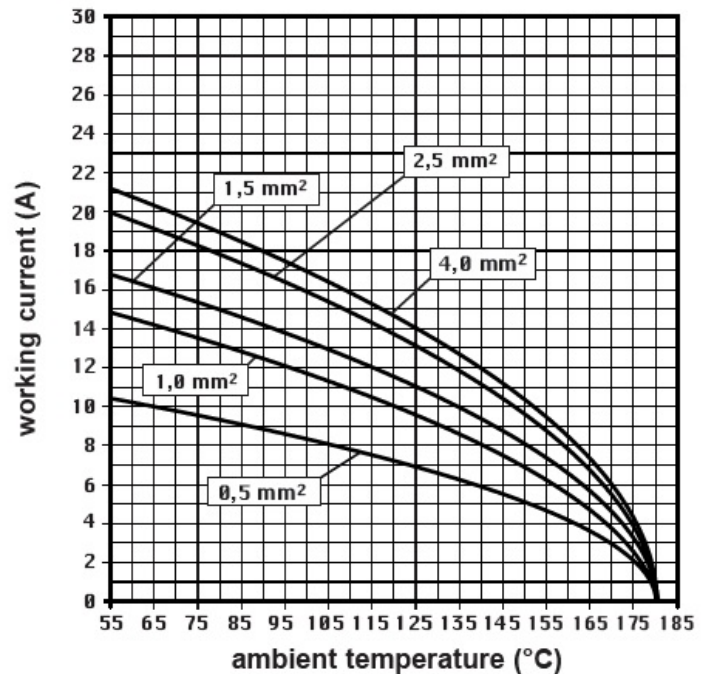
CNEM 16 RY



Catalogue drawings



Derating curves



Notes

CNEF/M 16 RY 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 ... +180 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 1 mOhm
- for maximum current load
- enclosures: size 77.27:
for 180 °C

- CNE...RY: for non-prepared conductors
- inserts with plate for section conductors:
0.5 - 4 mm² - AWG 20 - 12
- conductors stripping length: 7 mm
- terminal screw torque: 0.5 Nm



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.

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