

ITEM CODE

**CNEF 06 RY**
 Industria Lombarda  
 Materiale Elettrico



Brief description: female insert, 6 poles + PE,  
 screw terminal connections, 16A, 500V, 6kV, 3, silver plated, size "44.27"  
 180°C version, CLASS insert series



## TECHNICAL DETAILS

### Product description

<b>Model</b>	Female insert
<b>Version</b>	Screw terminal connections
<b>Series</b>	CNE RY
<b>Product type</b>	With female contacts
<b>Variant</b>	With plate
<b>Execution</b>	For applications up to 180° C
<b>Family</b>	CLASS inserts, standard version
<b>Size</b>	Size "44.27" 180°C version
<b>N° of poles</b>	6 poles + ⊕
<b>Technical data</b>	
<b>Current</b>	16 A (A.C. and D.C.)
<b>Tension (V)</b>	500 V
<b>Sustained impulse voltage</b>	6kV
<b>Pollution degree</b>	3

<b>Conduct section</b>	0,50 mm <sup>2</sup> - 4,00 mm <sup>2</sup>
<b>Dimension Awg</b>	20 - 12
<b>Operating temperature range (min, max)</b>	-40°C ... +180°C
<b>Contacts material</b>	Brass
<b>Contact type</b>	Silver plated
<b>Plugging cycles</b>	≥ 500
<b>IP degree of protection</b>	IP20 without enclosure, IP65 with enclosure
<b>Connection type PE</b>	Screw
<b>Stripping length PE connection</b>	6 mm
<b>Wire cross section PE</b>	0,75-2,5 mm <sup>2</sup> ; AWG 18-14
<b>Tightening torque for PE connection (screwdriver)</b>	M3: 0,5 Nm; 4,4 lb.in (0,5x3mm )
<b>Other technical details</b>	
<b>Characteristics according to EN61984</b>	16A 500V 6kV 3; 16A 400/690V 6kV 2
<b>Insulation resistance</b>	≥ 10 GΩ
<b>Contact resistance</b>	≤ 1 mΩ
<b>Rated voltage according to UL/CSA</b>	600V
<b>UL 94 flammability rating</b>	V-0
<b>Blade size for main contact</b>	6 mm
<b>Torque for main contact (screwdriver)</b>	M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)
<b>Tightening torque for fixing screws (screwdriver)</b>	M3: 0.5 Nm; 4.4 lb.in (0.5x3 mm)
<b>Weight (Kg)</b>	0,05
<b>Approvals / Standards</b>	
<b>Reference standard</b>	EN 61984 (2001-11)
<b>Quality mark</b>	 , EAC
<b>Conformity</b>	
<b>General ordering information</b>	
<b>EAN code</b>	8015747109000
<b>Tariff number</b>	85369085
<b>Country of origin</b>	Made in EU (IT)
<b>ETIM classification</b>	EC000438
<b>Packaging Information</b>	

<b>Packaging length (mm)</b>	210,00
<b>Packaging height (mm)</b>	130,00
<b>Packaging width (mm)</b>	240,00
<b>Packaging weight (Kg)</b>	3,06
<b>Packaging volume (dm3)</b>	6,55
<b>Packaging description</b>	Carton box
<b>Packaging quantity (Pcs)</b>	60
<b>Packaging EAN code</b>	8015747109918
<b>Sub-packaging weight (Kg)</b>	0,51
<b>Sub-packaging description</b>	Carton
<b>Sub-packaging quantity (Pcs)</b>	10
<b>Sub-packaging EAN code</b>	8015747109925

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## NOTES

- 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

