

Part number

CNEFD 16 RY



Female 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

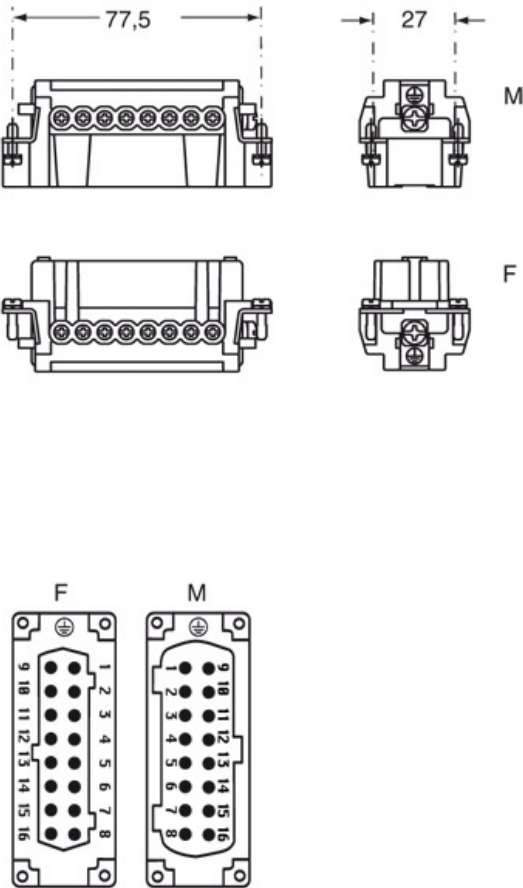
Product description		Material properties	
Product type	Insert	Main material	Polyphenylene sulfide (PPS)
Series	CNE RY	Other materials	Contacts: copper alloy
Connection type	Screw terminal connection		Compliant with exemption
Gender	Female	RoHs conformity	6(c): copper alloy containing up to 4% lead by weight
N. of poles	16 poles + 	China RoHs - EFUP	50
Size	Size 77.27	REACH SVHC substances	Yes
Specification	With plate For applications up to 180°C		Lead
		SCIP number	1a9c93ff-0445-4a16-81e3-1609ac5274d6
Technical data		Approvals / Standards	
Current	16 A	Certifications	CSA, CQC, DNV, BV, EAC
Voltage	500 V	UL	ECBT2
Rated impulse withstand voltage	6 kV	cUL	ECBT8
Pollution degree	3	General ordering information	
Rated voltage according to UL/CSA	600 V	EAN13 code	8015747113526
Wire cross-section	0,50 mm ² - 4,00 mm ²	ETIM 7.0	EC000438
AWG size	20 - 12	Packaging Information	
Contact type	Turned gold plated	Packaging length	230,00 mm
IP degree of protection	IP20 without enclosure, IP65 with enclosure	Packaging height	110,00 mm
		Packaging width	180,00 mm
		Packaging weight	2,86 kg
		Packaging volume	4,55 dm ³
		Packaging description	Carton box
		Packaging quantity	30 Pcs
		Packaging EAN code	8015747144827
		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	8015747144841
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	85,00 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)		

Part number

CNEFD 16 RY



Catalogue drawings



Derating curves

