

NAC3FX-W-TOP-L

PHASE OUT

direct replacement / successor: NAC3F-TRUE1-L



Verriegelbare Kabelbuchse für dicke Netzkabel mit Durchmessern von 10–16 mm. Zertifiziert nach EN/UL 60320-1 für den Gebrauch mit den Kabeltypen H07RN-F3G2.5 oder SOOW 12/3 (USA). Schutzart IP65 und Strombelastbarkeit bis 16 A.

Die powerCON TRUE1 TOP Serie ist eine Steckvorrichtung für Außenanwendungen und darf unter Last und Spannung ein- und ausgesteckt werden.



Features & Benefits

- ✓ Kabelaußendurchmesser 10 bis 16 mm
- ✓ Normkonform IEC EN 60320-1 und UL 60320-1; d. h. anerkannte Komponente für Kabelsets IEC 60799 und Geräte nach IEC 62368-1
- ✓ Speziell abgedichtete Netzsteckvorrichtung für hohe Beanspruchung in rauer Umgebung
- ✓ TOP True Outdoor Protection
- ✓ Einphasig, unter Last steckbar (20 A 250 VAC)
- ✓ Extrem robuste und zuverlässige Zugentlastung
- ✓ Superior NEUTRIK Qualitätsstandard

Product related questions and answers

Question	Answer
Is the new cable entry patented?	There is a patent application in process which is related to the cable entry section.

How are the certifications different to the current version NAC3*X-W-TOP?	EN certification: Both versions are certified according to EN 60320-1. The new L-version however is certified for large cables as follows: H07RN-F 3G 2,5 mm² The old version is certified for cable types: H07RN-F 3G 1,5 mm² and H05VV-F 3G 1,0 - 2,5 mm² UL certification: The new L-version is certified according to UL 60320-1 for cables SOOW 12/3 and SOOW 14/3. The old version is certified according to UL 498. JET certification: Both versions are JET certified.
What are the mechanical differences to the current version NAC3*X-W-TOP?	The whole cable entry section had to be redesigned in order to: - To cover the large cable range (10 - 16mm) - To meet the standards requirement to prevent disassembling by hand - To improve the assembly process The housing and insert parts are the same
When is the IEC 60799 relevant?	This standard applies for "Cord Sets And Interconnection Cord Sets" and therefore covers cables to the mains and cables acting as power interconnections.
Why is the bushing loose in one direction?	This is to meet the standards requirement to prevent disassembling by hand. In order to open the cable entry a special tool will be required.

Technical Information

Produkte	
Title	NAC3FX-W-TOP-L
Connector series	powerCON TRUE1 TOP

Elektrisch

Dielectric strength	2.8 kVac
Insulation resistance	> 0.1 GΩ
Number of electronical contacts	2 + PE
Rating Europe	IEC EN 60320-1: 16 A 250 V AC
	Certified with cable types: H07RN-F3G2.5
Rating USA	UL 60320-1 & C22.2 No. 60320-1:19: 20 A 250 V AC
	Certified with cable types:
	- SOOW 12/3, SOOW 14/3
	- SJOOW 12/3

Mechanische Daten

Cable O.D.	10 – 16 mm (0.39 – 0.63 inches)
Lifetime	Typically 5'000 mating cycles
Wire size (mm ²)	2.5 mm ²
Wire size (AWG)	14 – 12 AWG

Material

Contact plating	2 µm Ag
Contacts	Bronze (CuSn0.2)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	ZuAl4Cu1
Shell	Polyamide (PA 6.6 30 % GR)
Strain relief	Polyacetal (POM)

Umwelt	
Flammability	UL 94 V-0
Protection class	IP65, UL50E enclosure type 4 (mated)
Temperature range	-30 °C to +80 °C