

NAC3FX-W-TOP

PHASE OUT

direct replacement / successor: NAC3F-TRUE1-S

The powerCON TRUE1 TOP is a locking true mains connector. It replaces appliance couplers wherever a very rugged solution in combination with a locking device is needed in order to guarantee a safe power connection.

Keyed for Power IN, screw terminals, up to 16 A (USA: 20A)

The powerCON TRUE1 TOP is a single-phase connector with breaking capacity (CBC).

Features & Benefits

- IEC EN 60320-1, UL 60320-1 and C22.2 No. 60320-1:19 certified, thus accepted as a component for cord sets acc. to IEC 60799 / UL817 and equipment acc. to IEC 62368-1
- Unique NEUTRIK locking bushing and strain relief for cable diameters 6 mm to 12 mm (0.23 – 0.47 inches)
- Heavy duty sealed power connector for harsh and demanding environment
- Uses high impact UV-resistant materials
- Extremely robust and reliable cable retention
- Lockable, single phase connector with Circuit Breaking Capability (16A resp. 20 A 250 VAC)
- Superior NEUTRIK quality standard

Technical Information

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NEUTRIK

Product	
Title	NAC3FX-W-TOP
Connector series	powerCON TRUE1TOP

Electrical	
Contact resistance	≤ 2 mΩ
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 0,1 GΩ (after damp heat test IEC 68-2-30)
Number of electrical contacts	2 + PE
Rating Europe	EN 60320-1: 16 A 250 V AC
Rating USA	UL 60320-1 & C22.2 No. 60320-1:19: 20 A 250 V AC

Mechanical	
Cable O.D.	6 - 12 mm (0.23 – 0.47 inches)
Lifetime	> 5000 mating cycles
Wiresize	1.0 - 2.5 mm²
Wiresize	12 AWG

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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)

Environmental	
Flammability	UL 94 V-0
Temperature range	-30 °C to +80 °C

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