

NAC3FX-W-TOP

POWERCON TRUE1 TOP MAINS CONNECTOR - FEMALE

Direct successor: NAC3F-TRUE1-S

NAC3FX-W-TOP

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).

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PRODUCT DETAILS

KEY FEATURES

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

SPECIFICATIONS

Connector series	powerCON TRUE1 TOP
Contact resistance	? 2 m?
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 0,1 G? (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
Cable O.D.	6 - 12 mm (0.23 – 0.47 inches)
Lifetime	> 5000 mating cycles

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Wiresize	1.0 - 2.5 mm ²
Wiresize	12 AWG
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)
Flammability	UL 94 V-0
Temperature range	-30 °C to +80 °C