

NAC3FPX-ST-TOP

POWERCON TRUE1 TOP MALE OUTPUT CONNECTOR - SCREW TERMINALS

The powerCON TRUE1 TOP is a locking 16 A true mains connector for outdoor applications. 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.

The powerCON TRUE1 TOP is a connector with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.

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PRODUCT DETAILS

KEY FEATURES

Heavy duty sealed power connector for harsh and demanding environment

IP65, UL50E enclosure type4 rating in combination with SCNAC-FPX (mated or with closed cap)

Uses high impact UV-resistant materials

True mains connector with breaking capacity (CBC)

Lockable 16 A single phase connector (USA: 20 A)

Easy and reliable twist lock system

Extremely robust and reliable

Unique Neutrik cable retention

ENEC certified according to IEC 60320

UL498 certified

SPECIFICATIONS

Contact resistance	? 2 m?
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 1 G? (after damp heat test)
Number of electrical contacts	2 + PE
Rating Europe	EN 60320-1: 16 A 250 V AC
Rating USA	UL 498: 20 A 250 V AC
Lifetime	> 5000 mating cycles

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Wiresize	2.5 mm ²
Wiresize	14 AWG
Wiring	screw terminals
Contact plating	2 µm Ag
Locking element	Stainless steel
Shell	Polyamide (PA 6.6)
Contacts	Spring Copper (CuSn0.2)
Flammability	UL 94 V-0
Protection class	IP65, UL50E enclosure type4 rating in combination with SCNAC-FPX (mated or with closed cap)
Temperature range	-30°C to +80°C according to IEC 61984; -5°C to +40°C according to IEC 60320-1