



NAC3FPX-ST-TOP

Appliance outlet 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.

Features & Benefits

- 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

Technical Information



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Title NAC3FPX-ST-TOP

Electrical	
Contact resistance	\leq 2 m Ω
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 1 $G\Omega$ (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

Mechanical	
Lifetime	> 5000 mating cycles
Wiresize	2.5 mm²
Wiresize	14 AWG
Wiring	screw terminals

Material	
Contact plating	2 μm Ag
Locking element	Stainless steel
Shell	Polyamide (PA 6.6)
Contacts	Spring Copper (CuSn0.2)



Environmental	
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