

**NEUTRIK**



# 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 and Benefits

- Heavy duty sealed power connector for harsh and demanding environment
  - Outdoor protection according to IP65 and UL50E enclosure type 4 (in mated condition or in combination with the rubber sealing cover SCNAC-FPX)
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- 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

Product	
<b>Title</b>	NAC3FPX-ST-TOP
Electrical	
<b>Contact resistance</b>	≤ 3 mΩ
<b>Dielectric strength</b>	4 kVdc / 2.8 kVac
<b>Insulation resistance</b>	> 0.1 GΩ (after damp heat test)
<b>Number of electrical contacts</b>	2 + PE
<b>Rated current per contact</b>	16 A rms (USA: 20 A)
<b>Rated voltage</b>	250 V ac
Mechanical	
<b>Lifetime</b>	> 5000 mating cycles
<b>Wire size</b>	2.5 mm <sup>2</sup>
<b>Wire size</b>	14 AWG
<b>Wiring</b>	screw terminals

## Material

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

## Environmental

<b>Flammability</b>	UL 94 V-0
<b>Protection class</b>	IP65, UL50E enclosure type 4 (mated or in combination with SCNAC-FPX)
<b>Temperature range</b>	- 30 °C - +80 °C

## Accessories



**SCNAC-FPX**