

## **NAC3MPX-TOP**

Appliance inlet connector, 1/4" flat tab 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
- Uses high impact UV-resistant materials
- Lockable 16 A single phase connector (USA: 20 A)
- Extremely robust and reliable
- ENEC certified according to IEC 60320
- IP65 rating and certified outdoor protection to UL 50E enclosure type 4 (in mated condition or in combination with the rubber sealing cover SCNAC-MPX)
- True mains connector with breaking capacity (CBC)
- Easy and reliable twist lock system
- Unique Neutrik cable retention
- UL498 certified

## Technical Information

Product	
<b>Title</b>	NAC3MPX-TOP

Electrical	
<b>Contact resistance</b>	≤ 2 mΩ
<b>Dielectric strength</b>	4 kVdc / 2.8 kVac
<b>Insulation resistance</b>	> 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>Wiresize</b>	2.5 mm <sup>2</sup>
<b>Wiresize</b>	12 AWG

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-MPX)
<b>Temperature range</b>	- 30 °C - +80 °C