



# Product Data Sheet

Neutrik NAC3FPX-TOP powerCON

## Description



Appliance outlet 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.

Product	SKU
NEUTRIK NAC3FPX-TOP POWERCON	101397

## Key Benefits

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



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## Technical Specification

### Neutrik NAC3FPX-TOP powerCON Specification

Electrical	Material
<b>Contact resistance:</b> $\leq 3 \text{ m}\Omega$	<b>Contact plating:</b> $2 \mu\text{m Ag}$
<b>Dielectric strength:</b> 4 kVdc / 2.8 kVac	<b>Locking element:</b> Stainless steel
<b>Insulation resistance:</b> $>0.1 \text{ G}\Omega$ (after damp heat test)	<b>Shell:</b> Polyamide (PA 6.6)
<b>Number of electrical contacts:</b> 2 + PE	<b>Contacts:</b> Spring Copper (CuSn0.2)
<b>Rated current per contact:</b> 16 A rms (USA: 20 A)	Environmental
<b>Rated voltage:</b> 250 V ac	<b>Flammability:</b> UL 94 V-0
Mechanical	<b>Temperature range:</b> - 30 °C - +80 °C
<b>Lifetime:</b> > 5000 mating cycles	<b>Protection class:</b> IP65, UL50E enclosure type 4 (mated or in combination with SCNAC-MPX)
<b>Wiresize:</b> 2.5 mm <sup>2</sup> , 12 AWG	