



## NAC3FCB-1

Lockable cable connector, power-out, screw terminals, grey, V-0 Insert

The powerCON is a locking 3 conductor equipment AC connector with contacts for line, neutral and pre-mating ground contact. 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.

### Features & Benefits

- Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating
- Extremely robust and reliable
- Unique Neutrik chuck type strain relief
- UL, cUL recognized components  
VDE certified  
SEV approved
- V-0 Flammability rated insert
- Fast and easy twist lock latching system
- Ergonomic design
- Improved kink protection by two-component bushing
- Branded with unique hologram - guarantees genuine and authentic Neutrik product
- Circuit Breaking Capability (IEC 61984) when mated with powerCON XX Series Receptacles

## Technical Information

Product	
<b>Title</b>	NAC3FCB-1
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	≤ 2 mΩ
<b>Dielectric strength</b>	4 kVdc / 2.8 kVac
<b>Insulation resistance</b>	> 10 GΩ (initial)
<b>Number of electrical contacts</b>	2 + PE
<b>Rated current per contact</b>	16 A rms / 20 A rms
<b>Rated voltage</b>	250 V ac / 127 V ac

Mechanical	
<b>Cable O.D.</b>	6 - 15 mm (1)
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	2,5 mm <sup>2</sup>
<b>Wiresize</b>	12 AWG
<b>Locking device</b>	Quick Lock
<b>(1)</b>	Cable O.D. range limited to 6 mm - 14 mm acc. VDE

Material	
<b>Contact plating</b>	Ag
<b>Contacts</b>	Copper Alloy
<b>Insert</b>	Polyamide (PA 6.6)
<b>Locking element</b>	Zinc diecast
<b>Shell</b>	Polyamide (PA 6.6)
<b>Strain relief</b>	Polyacetal

**Environmental**

<b>Temperature range</b>	-30 °C to +80 °C
<b>Flammability Rating</b>	UL 94 V-0