

# NAC3FCA

Lockable cable connector, power-in, screw terminals, blue

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.

**Attention:** The powerCON is a connector without breaking capacity, i.e. the powerCON should not be connected or disconnected under load or live!



## Features & Benefits

- Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating
- Fast and easy twist lock latching system
- Extremely robust and reliable
- Ergonomic design
- Unique Neutrik chuck type strain relief
- Improved kink protection by two-component bushing
- UL, cUL recognized components
  - VDE certified
  - SEV approved
- Branded with unique hologram - guarantees genuine and authentic Neutrik product

## Image gallery



## Technical Information [hide](#)

### Product

Title NAC3FCA

Gender female

### Electrical

Contact resistance  $\leq 3 \text{ m}\Omega$

Dielectric strength 4 kVdc / 2.8 kVac

Insulation resistance  $> 0.1 \text{ G}\Omega$  (after damp heat test IEC 68-2-30)

Number of electrical contacts 2 + PE

Rated current per contact 20 A rms

Rated voltage 250 V ac

### Mechanical

Cable O.D. 6 - 15 mm (1)

Lifetime  $> 1000$  mating cycles

Wiresize 2,5 mm<sup>2</sup>

Wiresize 14 AWG

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Locking device	Quick Lock
(1)	Cable O.D. range limited to 6 mm - 14 mm acc. VDE
<b>Material</b>	
Contact plating	4 µm Ag
Contacts	Bronze (CuSn6)
Insert	Polyamide (PA 6 30 % GR)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Polyamide (PA 6 30 % GR)
Strain relief	Polyacetal (POM)
<b>Environmental</b>	
Temperature range	-30 °C to +80 °C
<b>Product specific</b>	
Coding	A-type for power inlet (color coding blue)

Accessories

HTFAC

