



## NAC3FCB

\*\*\* DISCONTINUED \*\*\*

Direct replacement / successor: NAC3FXXB-W-S (cable OD 6-12 mm) and NAC3FXXB-W-L (cable OD 10-16 mm)

Lockable cable connector, power-out, screw terminals, grey

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
- Extremely robust and reliable
- Unique Neutrik chuck type strain relief
- UL, cUL recognized components VDE certified
- 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

## Technical Information

| Product |         |
|---------|---------|
| Title   | NAC3FCB |
| 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   |
| Rating Europe                 | EN 61984:20 A 250 V AC                                     |
| Rating USA                    | UL 1977:20 A 250 V AC                                      |

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

| Material        |                          |
|-----------------|--------------------------|
| 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)         |

| Environmental       |                  |
|---------------------|------------------|
| Temperature range   | -30 °C to +80 °C |
| Protection class    | IP 20            |
| Flammability rating | UL 94 HB         |