



## NAC3FCA

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

Direct replacement / successor: NAC3FXXA-W-S (cable OD 6-12 mm) and NAC3FXXA-W-L (cable OD 10-16 mm)

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:** This powerCON is a connector without breaking capacity, i.e. it must 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

✓ Branded with unique hologram - guarantees genuine and authentic Neutrik product

# Technical Information

| 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                                                    |
| 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    | IP20             |
| Flammability Rating | UL 94 HB         |