



## NAC3FCA-1

\*\*\* 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, 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
- ✓ 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
- ✓ V-0 Flammability rated insert

- ✓ Circuit Breaking Capability (IEC 61984) when mated with powerCON XX Series Receptacles

## Technical Information

| Product |           |
|---------|-----------|
| Title   | NAC3FCA-1 |
| Gender  | female    |

| Electrical                    |                                  |
|-------------------------------|----------------------------------|
| Contact resistance            | $\leq 2 \text{ m}\Omega$         |
| Dielectric strength           | 4 kVdc / 2.8 kVac                |
| Insulation resistance         | $> 10 \text{ G}\Omega$ (initial) |
| 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 | Ag                 |
| Contacts        | Copper Alloy       |
| Insert          | Polyamide (PA 6.6) |
| Locking element | Zinc diecast       |
| Shell           | Polyamide (PA 6.6) |
| Strain relief   | Polyacetal         |

| Environmental       |                  |
|---------------------|------------------|
| Temperature range   | -30 °C to +80 °C |
| Protection class    | IP 20            |
| Flammability Rating | UL 94 V-0        |