



NAC3FCB

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
SEV approved
- 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 | ≤ 3 mΩ |
| Dielectric strength | 4 kVdc / 2.8 kVac |
| Insulation resistance | > 0.1 GΩ (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 ² |
| 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 |

