NEUTRIK

NAC3FCB

* Discontinued *

Successor products: 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: 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
  SEV approved

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

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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 mm²
Wiresize	12 AWG
Locking device	Quick Lock
(1)	Cable O.D. range limited to 6 mm - 14 mm acc. VDE

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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