



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

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|---|---|
| <ul style="list-style-type: none">• Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating | <ul style="list-style-type: none">• Fast and easy twist lock latching system |
| <ul style="list-style-type: none">• Extremely robust and reliable | <ul style="list-style-type: none">• Ergonomic design |
| <ul style="list-style-type: none">• Unique Neutrik chuck type strain relief | <ul style="list-style-type: none">• Improved kink protection by two-component bushing |
| <ul style="list-style-type: none">• UL, cUL recognized components VDE certified | <ul style="list-style-type: none">• 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 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
Protection class	IP 20
Flammability rating	UL 94 HB