

NAC3FCA-1

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
- Extremely robust and reliable
- Unique Neutrik chuck type strain relief
- UL, cUL recognized components
  VDE certified
  SEV approved
- Circuit Breaking Capability (IEC 61984) when mated with powerCON XX Series Receptacles
- Fast and easy twist lock latching system
- Ergonomic design
- Improved kink protection by two-component bushing
- V-0 Flammability rated insert

All rights reserved / 25.01.2023

NEUTRIK

Technical Information

Product	
Title	NAC3FCA-1
Gender	female

Electrical	
Contact resistance	≤ 2 mΩ
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 10 GΩ (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^2
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

All rights reserved / 25.01.2023

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

All rights reserved / 25.01.2023