NAC3FX-W

Discontinued Please see successor powerCON TRUE1 TOP series. Connectors of both series are fully compatible.

Locking female cable connector, screw terminals

The powerCON TRUE1 is a locking waterproof 16 A true mains connector. 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.

The powerCON TRUE1 is a connector with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.

Features & Benefits

- True mains connector with breaking capacity (CBC)
- Lockable 16 A single phase connector (USA: 20 A)
- Dust and water resistant according to IP65 in mated condition
- Easy and reliable twist lock system
- Extremely robust and reliable
- Unique Neutrik cable retention
- ENEC certified according to IEC 60320
- UL recognized components

Technical Information

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NEUTRIK

Product	
Title	NAC3FX-W

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
Rated current per contact	16 A rms (USA: 20 A)
Rated voltage	250 V ac

Mechanical	
Cable O.D.	6 - 12 mm
Lifetime	> 5000 mating cycles
Wiresize	1.0 - 2.5 mm²
Wiresize	12 AWG

Material	
Contact plating	2 µm Ag
Contacts	Bronze (CuSn0.2)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	ZuAl4Cu1
Shell	Polyamide (PA 6.6 30 % GR)
Strain relief	Polyacetal (POM)

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Environmental	
Flammability	UL 94 V-0
Protection class	IP 65 (mated)
Temperature range	-30 °C to +80 °C

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