



## NAC3FX-W-TOP

PHASE OUT

direct replacement / successor: NAC3F-TRUE1-S

Locking female cable connector, screw terminals

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

## Features & Benefits

- ✓ Heavy duty sealed power connector for harsh and demanding environment
- ✓ Uses high impact UV-resistant materials
- ✓ True mains connector with breaking capacity (CBC)
- ✓ Lockable 16 A single phase connector (USA: 20 A)
- ✓ Easy and reliable twist lock system
- ✓ Extremely robust and reliable
- ✓ Unique Neutrik cable retention
- ✓ ENEC certified according to IEC 60320
- ✓ UL498 certified

## Technical Information

### Product

Title	NAC3FX-W-TOP
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### Electrical

Contact resistance	$\leq 2 \text{ m}\Omega$
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
Rated current Europe	EN 60320-1: 16 A 250 V AC
Rating USA	UL 498: 20 A 250 V AC

### Mechanical

Cable O.D.	6 - 12 mm
Lifetime	$> 5000$ mating cycles
Wire size	1.0 - 2.5 mm <sup>2</sup>
Wire size	12 AWG

### Material

Contact plating	2 $\mu\text{m}$ 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)

Environmental	
Flammability	UL 94 V-0
Temperature range	-30 °C to +80 °C