



## 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 |

| Electrical                      |   |
|---------------------------------|---|
| Contact resistance              | ≤ 2 mΩ                                      |
| Dielectric strength             | 4 kVdc / 2.8 kVac                           |
| Insulation resistance           | > 0,1 GΩ (after damp heat test IEC 68-2-30) |
| Number of electronical contacts | 2 + PE                                      |
| Rated curreRating 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 |
| 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)           |

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