



## NAC3FPX-WOT-TOP

Appliance outlet connector, 1/4" flat tab terminals, without insulation divider for PCB mounting only. If nothing mounting on a PCB choose NAC3FPX-TOP

The powerCON TRUE1 TOP is a locking 16 A true mains connector for outdoor applications. 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

- IP65, UL50E enclosure type4 rating in combination with SCNAC-FPX (mated or with closed cap)
- Outdoor protection according to IP65 and UL50E enclosure type 4 (in mated condition or in combination with the rubber sealing cover SCNAC-FPX)
- 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   | NAC3FPX-WOT-TOP |

| Electrical                    |  |
|-------------------------------|--|
| Contact resistance            | $\leq 2 \text{ m}\Omega$                     |
| Dielectric strength           | 4 kVdc / 2.8 kVac                            |
| Insulation resistance         | $> 1 \text{ G}\Omega$ (after damp heat test) |
| Number of electrical contacts | 2 + PE                                       |
| Rating Europe                 | EN 60320-1: 16 A 250 V AC                    |
| Rating USA                    | UL 498: 20 A 250 V AC                        |

| Mechanical |                        |
|------------|------------------------|
| Lifetime   | $> 5000$ mating cycles |
| Wiresize   | 2.5 mm <sup>2</sup>    |
| Wiresize   | 12 AWG                 |

| Material        |                         |
|-----------------|-------------------------|
| Contact plating | 2 $\mu\text{m}$ Ag      |
| Locking element | Stainless steel         |
| Shell           | Polyamide (PA 6.6)      |
| Contacts        | Spring Copper (CuSn0.2) |

| Environmental                  |   |
|--------------------------------|---|
| <b>Flammability</b>            | UL 94 V-0   |
| <b>Protection class</b>        | IP65, UL50E enclosure type4 rating in combination with SCNAC-FPX (mated or with closed cap) |
| <b>Temperature range</b>       | -30°C to +80°C according to IEC 61984<br>-5°C to +40°C according to IEC 60320-1             |
| <b>Solderability (for PCB)</b> | Complies with IEC 68-2-20   |