



NAC3FPX-ST-TOP

Appliance outlet connector, screw terminals

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

- Heavy duty sealed power connector for harsh and demanding environment
- IP65, UL50E enclosure type4 rating in combination with SCNAC-FPX (mated or with closed cap)
- 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-ST-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^2 |
| Wiresize | 14 AWG |
| Wiring | screw terminals |

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

| Environmental | |
|-------------------|---|
| Flammability | UL 94 V-0 |
| Protection class | IP65, UL50E enclosure type4 rating in combination with SCNAC-FPX (mated or with closed cap) |
| Temperature range | - 30 °C - +80 °C |