



NAC3MX-W-TOP

Locking male 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
- True mains connector with breaking capacity (CBC)
- Easy and reliable twist lock system
- Unique Neutrik cable retention
- UL498 certified
- Uses high impact UV-resistant materials
- Lockable 16 A single phase connector (USA: 20 A)
- Extremely robust and reliable
- ENEC certified according to IEC 60320

Technical Information

| Product | |
|---------|--------------|
| Title | NAC3MX-W-TOP |

| Electrical | |
|-------------------------------|---|
| Contact resistance | $\leq 2 \text{ m}\Omega$ |
| Dielectric strength | 4 kVdc / 2.8 kVac |
| Insulation resistance | 0,1 G Ω (after damp heat test IEC 68-2-30) |
| Number of electrical contacts | 2 + PE |
| Rating Europe | USA: 20 A (16 A rms) |
| Rating USA | 250 V ac |

| Mechanical | |
|------------|---------------------------|
| Cable O.D. | 6 - 12 mm |
| Lifetime | > 5000 mating cycles |
| Wiresize | 1.0 - 2.5 mm ² |
| Wiresize | 12 AWG |

| Material | |
|-----------------|----------------------------|
| Contact plating | 2 μm Ag |
| Contacts | CuNi1Si0.2 |
| Insert | Polyamide (PA 6.6 30 % GR) |
| Locking element | ZuAl4Cu1 |
| Shell | Polyamide (PA 6.6 30 % GR) |
| Strain relief | Polyacetal (POM) |