



NAC3MPX-WOT

Discontinued Please see successor [powerCON TRUE1 TOP](#) series. Connectors of both series are fully compatible.

Appliance inlet connector, 1/4" flat tab terminals, without insulation divider

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

Features & Benefits

Appliance inlet

- 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
- ENEC certified according to IEC 60320
- UL recognized components
- IP65 ingress protection in combination with SCNAC-MPX (mated or with closed cap)

Technical Information

| Product | |
|---------|-------------|
| Title | NAC3MPX-WOT |

| Electrical | |
|-------------------------------|--|
| Contact resistance | $\leq 3 \text{ m}\Omega$ |
| Dielectric strength | 4 kVdc / 2.8 kVac |
| Insulation resistance | $> 0.1 \text{ G}\Omega$ (after damp heat test) |
| Number of electrical contacts | 2 + PE |
| Rated current per contact | 16 A (USA: 20A) |
| Rated voltage | 250 V ac |

| Mechanical | |
|------------|------------------------|
| Lifetime | > 5000 mating cycles |
| Wiresize | 2.5 mm ² |
| Wiresize | 12 AWG |

| Material | |
|-----------------|-------------------------|
| Contact plating | 2 μm Ag |
| Locking element | Stainless steel |
| Shell | Polyamide (PA 6.6) |
| Contacts | Spring Copper (CuSn0.2) |

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