



NAC3MPA-1

Chassis connector, power-in, 3/16" flat tab terminals, blue

The powerCON is a locking 3 conductor equipment AC connector with contacts for line, neutral and pre-mating ground contact. 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.

Attention: The powerCON is a connector without breaking capacity, i.e. the powerCON should not be connected or disconnected under load or live!

Features & Benefits

- ✓ Locking 20 A / 250 V ac appliance coupler
- ✓ 3 contacts for line, neutral and pre-mating safety ground
- ✓ Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating
- ✓ Fast and easy twist lock latching system
- ✓ Extremely robust and reliable
- ✓ Ergonomic design
- ✓ User friendly latch design for easy handling
- ✓ UL, cUL recognized components
VDE certified

Technical Information

Product

| | |
|--------|-----------|
| Title | NAC3MPA-1 |
| Gender | male |

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 IEC 68-2-30) |
| Number of electrical contacts | 2 + PE |
| Rating Europe | EN 61984:20 A 250 V AC |
| Rating USA | UL 1977:20 A 250 V AC |

Mechanical

| | |
|--------------------|------------------------|
| Lifetime | > 1000 mating cycles |
| Wiresize | |
| Locking device | Quick Lock |
| Mounting direction | Front mounting |
| Chassis shape | D |

Material

| | |
|-----------------|----------------------------|
| Contact plating | 2 μm Ag |
| Locking element | Steel Ck67 |
| Shell | Polyamide (PA 6.6 30 % GR) |
| Contacts | Bronze (CuNi1Si0.2) |

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