



NAC3MPXXB

This connector is fully compliant to the device standard IEC 62368-1, due to its component certification according to IEC 60320-1.

Appliance outlet connector, 3/16" flat tab terminals, grey

The powerCON XX is a locking mains connector. It replaces appliance couplers wherever a very reliable solution in combination with a locking device is needed in order to guarantee a safe power connection.

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

Features & Benefits

- Lockable single phase connector
- 3 contacts for line, neutral and pre-mating safety ground
- Fast and easy twist lock latching system Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating
- IEC 62368-1 compliant
- Certified according to IEC 60320-1 & UL 60320-1
- Certified according to UL-1977 & CAN/CSA-C22.2 No. 182.3
- Extremely robust and reliable
- UL94 V-0 materials used

Technical Information

| Product | |
|---------------|-----------|
| Title | NAC3MPXXB |
| Gender | male |

| Electrical | |
|--------------------------------------|---------------------------|
| Contact resistance | ≤ 2 mΩ |
| Dielectric strength | 4 kVdc / 2.8 kVac |
| Insulation resistance | > 10 GΩ (initial) |
| Number of electrical contacts | 2 + PE |
| Rating Europe | EN 60320-1: 16 A 250 V AC |
| | EN 61984: 20 A 250 V AC |
| Rating USA | UL 60320-1:20 A 127 V AC |
| | UL 1977: 20 A 250 V AC |

| Mechanical | |
|-----------------|----------------------|
| Lifetime | > 5000 mating cycles |
| Wiresize | 2,5 mm ² |
| Wiresize | 12 AWG |

| Material | |
|------------------------|--------------------|
| Contact plating | Ag |
| Locking element | Stainless steel |
| Shell | Polyamide (PA 6.6) |
| Contacts | Copper Alloy |

| Environmental | |
|--------------------------|------------------|
| Flammability | UL 94 V-0 |
| Protection class | IP 20 |
| Temperature range | -30 °C to +80 °C |