



## NAC3MPA-1-WOT

**\*Discontinued\*** Successor product: NAC3MPXXA-WOT

Chassis connector, power-in, 3/16" flat tab terminals, blue, without insulation divider

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.

NAC3MPA-1

NAC3MPA-1-WOT

**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-WOT |
| Type    | Chassis       |
| 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 30 % GR) |
| Contacts        | Bronze (CuNi1Si0.2)      |

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