



NAC3MPA-1-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



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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

- | | |
|---|---|
| <ul style="list-style-type: none">• Locking 20 A / 250 V ac appliance coupler | <ul style="list-style-type: none">• 3 contacts for line, neutral and pre-mating safety ground |
| <ul style="list-style-type: none">• Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating | <ul style="list-style-type: none">• Fast and easy twist lock latching system |
| <ul style="list-style-type: none">• Extremely robust and reliable | <ul style="list-style-type: none">• Ergonomic design |
| <ul style="list-style-type: none">• User friendly latch design for easy handling | <ul style="list-style-type: none">• 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 |