



## NAC3MPB-1

Chassis connector, power-out, 3/16" flat tab terminals, grey

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
- Power-in (blue) and power-out (grey) versions with different keying to avoid the possibility of intermating
- Extremely robust and reliable
- User friendly latch design for easy handling
- Branded with unique hologram - guarantees genuine and authentic Neutrik product
- 3 contacts for line, neutral and pre-mating safety ground
- Fast and easy twist lock latching system
- Ergonomic design
- UL, cUL recognized components  
VDE certified

## Technical Information

Product	
<b>Title</b>	NAC3MPB-1
<b>Gender</b>	male

Electrical	
<b>Contact resistance</b>	≤ 3 mΩ
<b>Dielectric strength</b>	4 kVdc / 2.8 kVac
<b>Insulation resistance</b>	> 0.1 GΩ (after damp heat test IEC 68-2-30)
<b>Number of electrical contacts</b>	2 + PE
<b>Rating Europe</b>	EN 61984:20 A 250 V AC
<b>Rating USA</b>	UL 1977:20 A 250 V AC

Mechanical	
<b>Lifetime</b>	> 1000 mating cycles
<b>Wiresize</b>	2.5mm <sup>2</sup>
	12 AWG
<b>Locking device</b>	Quick Lock
<b>Mounting direction</b>	Front mounting
<b>Chassis shape</b>	D

Material	
<b>Contact plating</b>	2 μm Ag
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Polyamide (PA 6.6 30 % GR)
<b>Contacts</b>	Bronze (CuNi1Si0.2)

**Environmental**

<b>Flammability</b>	UL 94 V-0
<b>Protection class</b>	IP 20
<b>Temperature range</b>	-30 °C to +80 °C