



# Product Data Sheet

## Neutrik NAC3MPB-1 powerCON Connector

### Description



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!

Product	SKU
NEUTRIK NAC3MPB-1 POWERCON CONNECTOR	HC-99-004

### Key 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 recognised components VDE certified
- Branded with unique hologram - guarantees genuine and authentic Neutrik product



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## Neutrik NAC3MPB-1 powerCON Connector

### Technical Specification

#### Neutrik NAC3MPB-1 powerCON Connector Specification

<b>Gender:</b> Male	<b>Mounting direction:</b> Front mounting
<b>Electrical</b>	<b>Chassis shape:</b> D
<b>Contact resistance:</b> $\leq 3 \text{ m}\Omega$	<b>Material</b>
<b>Dielectric strength:</b> 4 kVdc / 2.8 kVac	<b>Contact plating:</b> 2 $\mu\text{m}$ Ag
<b>Insulation resistance:</b> $> 0.1 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)	<b>Locking element:</b> Steel Ck67
<b>Number of electrical contacts:</b> 2 + PE	<b>Shell:</b> Polyamide (PA 6.6 30 % GR)
<b>Rating Europe:</b> EN 61984:20 A 250 V AC	<b>Contacts:</b> Bronze (CuNi1Si0.2)
<b>Rating USA:</b> UL 1977:20 A 250 V AC	<b>Environmental</b>
<b>Mechanical</b>	<b>Temperature range:</b> -30 °C to +80 °C
<b>Lifetime:</b> $> 1000$ mating cycles	<b>Protection class:</b> IP20
<b>Wiresize:</b> 2,5 mm <sup>2</sup> , 12 AWG	<b>Flammability rating:</b> UL 94 V-0
<b>Locking device:</b> Quick Lock	