



## NAC3MPXXA

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

Appliance inlet connector, 3/16" flat tab terminals, blue

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

## Technical Information

Product	
<b>Title</b>	NAC3MPXXA
<b>Gender</b>	male

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

Mechanical	
<b>Lifetime</b>	> 5000 mating cycles
<b>Wiresize</b>	2,5 mm <sup>2</sup>
<b>Wiresize</b>	12 AWG

Material	
<b>Contact plating</b>	Ag
<b>Locking element</b>	Stainless steel
<b>Shell</b>	Polyamide (PA 6.6)
<b>Contacts</b>	Copper Alloy

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

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