NEUTRIK

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

- 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

- Drop-in replacement for NAC3MPA-1; mates to NAC3FCA cable connectors

- 3 contacts for line, neutral and premating 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

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Technical Information

Product	
Title	NAC3MPXXA
Gender	male

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

Mechanical	
Lifetime	> 5000 mating cycles
Wiresize	2,5 mm²
Wiresize	12 AWG

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

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