



## 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

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|---|--|
| <ul style="list-style-type: none"><li>• Lockable single phase connector</li></ul>                               | <ul style="list-style-type: none"><li>• Drop-in replacement for NAC3MPA-1; mates to NAC3FCA cable connectors</li></ul>   |
| <ul style="list-style-type: none"><li>• Certified according to IEC 60320-1 &amp; UL 60320-1</li></ul>           | <ul style="list-style-type: none"><li>• 3 contacts for line, neutral and pre-mating safety ground</li></ul>  |
| <ul style="list-style-type: none"><li>• Certified according to UL-1977, &amp; CAN/CSA-C22.2 No. 182.3</li></ul> | <ul style="list-style-type: none"><li>• Fast and easy twist lock latching system<br/>Power-in (blue) and power-out (grey)<br/>versions with different keying to avoid the possibility of intermating</li></ul> |
| <ul style="list-style-type: none"><li>• Extremely robust and reliable</li></ul>                                 | <ul style="list-style-type: none"><li>• IEC 62368-1 compliant</li></ul>  |
| <ul style="list-style-type: none"><li>• UL94 V-0 materials</li></ul>  |  |

## Technical Information

Product	
Title	NAC3MPXXA
Gender	male

Electrical	
Contact resistance	$\leq 2 \text{ m}\Omega$
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	$> 10 \text{ G}\Omega$ (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 mm <sup>2</sup>
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