

NAC3MPXXA

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.

This connector is suitable to be used as part of fire enclosures according to IEC 62368-1

This appliance coupler fulfils the requirements of the IEC 60320-1 and of theUL 60320-1 with breaking capacity (CBC).

Appliance coupler have superior electrical endurance due to its CBC design according to the IEC 60320-1.
Appliance couplers NAC3MPXXA and NAC3MPXXB are designed to be engaged or disengaged in normal use when live or under load when using with connectors and plug connectors of the FXX Serie(s).

Features & Benefits

- Lockable single phase connector
- Certified according to IEC 60320-1 & UL 60320-1
  UL US 498 / UL CA 498
- Certified according to UL-1977, & CAN/CSA-C22.2 No. 182.3
- Extremely robust and reliable
- UL94 V-0 materials

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- Drop-in replacement for NAC3MXXA; mates to NAC3FXXA 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
- Suitable for fire enclosures according. to IEC 62368-1

Technical Information

Product	
Title	NAC3MPXXA
Gender	male

Electrical	
Contact resistance	≤ 2 mΩ
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 1 GΩ (after damp heat test IEC 68-2-30)
Number of electrical contacts	2 + PE
Rating Europe	EN 60320-1: 16 A 250 V AC
Rating USA / Canada	cUL 60320-1: 20 A 127 V AC UL USA 498: 20 A 250 V AC UL CA 498: 20 A 250 V AC
	UL 1977: 20 A 250 V AC

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

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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

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