

NAC3MPX-WOT-TOP

Appliance inlet connector, 1/4" flat tab terminals, without insulation divider for PCB mounting only. If nothing mounting on a PCB choose NAC3MPX-TOP

The powerCON TRUE1 TOP is a locking 16 A true mains connector for outdoor applications. 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.

The powerCON TRUE1 TOP is a connector with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.

Features & Benefits

- IP65, UL50E enclosure type4 rating in combination with SCNAC-MPX (mated or with closed cap)
- Heavy duty sealed power connector for harsh and demanding environment
- Uses high impact UV-resistant materials
- True mains connector with breaking capacity (CBC)
- Lockable 16 A single phase connector (USA: 20 A)
- Easy and reliable twist lock system
- Extremely robust and reliable
- Unique Neutrik cable retention
- ENEC certified according to IEC 60320
- UL498 certified

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Technical Information

Product	
Title	NAC3MPX-WOT-TOP

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

Mechanical	
Lifetime	> 5000 mating cycles
Wiresize	2.5 mm²
Wiresize	12 AWG

Material	
Contact plating	2 µm Ag
Locking element	Stainless steel
Shell	Polyamide (PA 6.6)
Contacts	Spring Copper (CuSn0.2)

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Environmental	
Flammability	UL 94 V-0
Protection class	IP65, UL50E enclosure type4 rating in combination with SCNAC-MPX (mated or with closed cap)
Temperature range	-30°C to +80°C according to IEC 61984 -5°C to +40°C according to IEC 60320-1
Solderability (for PCB)	Complies with IEC 68-2-20

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