

NAC3MPX-TOP

Appliance inlet connector, 1/4" flat tab terminals

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

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| <ul style="list-style-type: none">• Heavy duty sealed power connector for harsh and demanding environment | <ul style="list-style-type: none">• IP65, UL50E enclosure type4 rating in combination with SCNAC-MPX(mated or with closed cap) |
| <ul style="list-style-type: none">• Uses high impact UV-resistant materials | <ul style="list-style-type: none">• True mains connector with breaking capacity (CBC) |
| <ul style="list-style-type: none">• Lockable 16 A single phase connector (USA: 20 A) | <ul style="list-style-type: none">• Easy and reliable twist lock system |
| <ul style="list-style-type: none">• Extremely robust and reliable | <ul style="list-style-type: none">• Unique Neutrik cable retention |
| <ul style="list-style-type: none">• ENEC certified according to IEC 60320 | <ul style="list-style-type: none">• UL498 certified |

Technical Information

Product	
Title	NAC3MPX-TOP

Electrical	
Contact resistance	$\leq 2 \text{ m}\Omega$
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	$> 1 \text{ G}\Omega$ (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 mm ²
Wiresize	12 AWG

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

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 - +80 °C