

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 and Benefits

• Heavy duty sealed power connector for harsh and demanding environment	• Outdoor protection according to IP65 and UL50E enclosure type 4 (in mated condition or in combination with the rubber sealing cover SCNAC-MPX)
• 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

Technical Information

Product	
Title	NAC3MPX-TOP

Electrical	
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	$> 0.1 \text{ G}\Omega$ (after damp heat test)
Number of electronical contacts	2 + PE
Rated current per contact	16 A rms (USA: 20 A)
Rated voltage	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 type 4 (mated or in combination with SCNAC-MPX)
Temperature range	- 30 °C - +80 °C