



## NAC3PX-TOP

Appliance inlet-outlet combination, 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"><li>• Heavy duty sealed power connector for harsh and demanding environment</li></ul> | <ul style="list-style-type: none"><li>• Outdoor protection according to IP65 and UL50E enclosure type 4 (in mated condition or in combination with the rubber sealing cover SCNAC-PX)</li></ul> |
| <ul style="list-style-type: none"><li>• Uses high impact UV-resistant materials</li></ul>                               | <ul style="list-style-type: none"><li>• True mains connector with breaking capacity (CBC)</li></ul>   |
| <ul style="list-style-type: none"><li>• Lockable 16 A single phase connector (USA: 20 A)</li></ul>                      | <ul style="list-style-type: none"><li>• Easy and reliable twist lock system</li></ul>   |
| <ul style="list-style-type: none"><li>• Extremely robust and reliable</li></ul>   | <ul style="list-style-type: none"><li>• Unique Neutrik cable retention</li></ul>  |
| <ul style="list-style-type: none"><li>• ENEC certified according to IEC 60320</li></ul>                                 | <ul style="list-style-type: none"><li>• UL498 certified</li></ul>   |

Technical Information

Product	
Title	NAC3PX-TOP

Electrical	
Contact resistance	≤ 3 mΩ
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	> 0.1 GΩ (after damp heat test IEC 68-2-30)
Number of electrical 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 mm²
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	UL50E enclosure type 4 (mated or in combination with SCNAC-PX)
Temperature range	-30 °C - +80 °C