

## NAC3MX-W-TOP-L

**NEW:** Locking cable connector for big power cords with outer diameters from 10–16 mm (0.39 – 0.63 inches) such as H07RN-F3G2.5 or SOOW 12/3 and SOOW 14/3. Certified to EN/UL 60320-1.

Locking cable connector, power outlet, screw terminal, IP65, 16A (USA: 20A)

The powerCON TRUE1 TOP is a lockable single phase connector with breaking capacity (CBC) for outdoor applications.





## Features & Benefits

- For cable diameters 10-16 mm (0.39 – 0.63 inches)
- Heavy duty sealed power connector for harsh and demanding environment
- Single phase connector with Circuit Breaking Capability (20 A 250 VAC)
- Superior NEUTRIK quality standard
- IEC EN 60320-1 and UL 60320-1 certified, thus accepted as a component for cord sets acc. to IEC 60799 and of equipment acc. to IEC 62368-1.
- TOP True Outdoor Protection
- Extremely robust and reliable cable retention

## Product related questions and answers

**Technical Information**

Product	
Title	NAC3MX-W-TOP-L
Connector series	powerCON TRUE1

Electrical	
Dielectric strength	2.8 kVac
Insulation resistance	> 0.1 GΩ
Number of electrical contacts	2 + PE
Rating Europe	IEC EN 60320-1: 16 A 250 V AC
	Certified with cable types: H07RN-F3G2.5
Rating USA	UL 60320-1 & C22.2 No. 60320-1:19: 20 A 250 V AC
	Certified with cable types:
	- SOOW 12/3, SOOW 14/3
	- SJOOW 12/3

Mechanical	
Cable O.D.	10 – 16 mm (0.39 – 0.63 inches)
Lifetime	Typically 5'000 mating cycles
Wire size (mm <sup>2</sup> )	2.5 mm <sup>2</sup>
Wire size (AWG)	14 – 12 AWG

Material	
Contact plating	2 μm Ag
Contacts	Bronze (CuSn0.2)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	ZuAl4Cu1
Shell	Polyamide (PA 6.6 30 % GR)
Strain relief	Polyacetal (POM)

Environmental	
Temperature range	-30 °C to +80 °C
Flammability	UL94 V-0
Protection class	IP65
UV resistance	F1 rated material withstands UV exposure