

## NAC3FX-W-TOP-L

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

Power out, screw terminals, IP65, up to **16 A (USA: 20A)**

The powerCON TRUE1 TOP is a single phase connector for outdoor applications 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>• For cable diameters 10-16 mm (0.39 – 0.63 inches)</li></ul>                     | <ul style="list-style-type: none"><li>• 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</li></ul> |
| <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>• TOP True Outdoor Protection</li></ul>  |
| <ul style="list-style-type: none"><li>• Uses high impact UV-resistant materials</li></ul>                               | <ul style="list-style-type: none"><li>• Single phase connector with Circuit Breaking Capability (20 A 250 VAC)</li></ul>   |
| <ul style="list-style-type: none"><li>• Extremely robust and reliable cable retention</li></ul>                         | <ul style="list-style-type: none"><li>• Superior NEUTRIK quality standard</li></ul>  |

## Product related questions and answers

Question	Answer
Is the new cable entry patented?	There is a patent application in process which is related to the cable entry section.
How are the certifications different to the current version NAC3*X-W-TOP?	<p>EN certification:</p> <p>Both versions are certified according to EN 60320-1.</p> <p>The new -L version however is certified for large cables as follows:</p> <p>H07RN-F 3G 2,5 mm<sup>2</sup></p> <p>The standard (non -L) version is certified for cable types:</p> <p>H07RN-F 3G 1,5 mm<sup>2</sup> and H05VV-F 3G 1,0 - 2,5 mm<sup>2</sup></p> <p>UL certification:</p> <p>The new -L version is certified according to UL 60320-1 for cables SOOW 12/3 and SOOW 14/3. The standard (non -L) version is certified according to UL 498.</p> <p>JET certification:</p> <p>Both versions are JET certified.</p>
What are the mechanical differences to the current version NAC3*X-W-TOP?	<p>The whole cable entry section had to be redesigned in order to:</p> <ul style="list-style-type: none"><li>- Cover the large cable range (10 - 16mm)</li><li>- Meet the standards requirement to prevent disassembling by hand</li><li>- Improve the assembly process</li></ul> <p>The housing and insert parts are the same</p>
When is the IEC 60799 relevant?	This standard applies for "Cord Sets And Interconnection Cord Sets" and therefore covers cables to the mains and cables acting as power interconnections.
Why is the bushing loose in one direction?	This is to meet the standards requirement to prevent disassembling by hand. In order to open the cable entry a special tool is required. For disassembly, see assembly instructions.

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