



Product Data Sheet

Neutrik NAC3PX-TRUE1 powerCON 16A TRUE1
Input / Output Combination Chassis Mount Connector

Description



The “powerCON TRUE1 airtight” is a locking true mains connector for harsh and demanding applications. This innovative product is part of the powerCON-TRUE1 product group and belongs to our premium powerCON-TRUE1 line. With an impressive array of features and a particular focus on protection and performance, the powerCON airtight” is the choice for professionals who require absolute reliability. 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.

With the powerCON TRUE1 airtight, you can count on a secure connection, even in the most extreme conditions.

The powerCON TRUE1 is a connector series with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.

Product	SKU
NEUTRIK NAC3PX-TRUE1 POWERCON 16A TRUE1 INPUT / OUTPUT COMBINATION CHASSIS MOUNT CONNECTOR	105834



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Input / Output Combination Chassis Mount Connector

Key Benefits

- Airtightness for production line tests to ensure TRUE OUTDOOR PROTECTION on devices
- Heavy duty sealed power connector for harsh and demanding environment
- Uses high impact UV-resistant materials
- Extremely robust and reliable
- ENEC and VDE certified according to IEC 60320-1 and EN IEC 60320-1
- UL and CSA Certified According to UL 60320-1 and CSA 22.2 No. 60320-1
- IP65, IP66 and IP67 (mated or with closed cap)
- True mains connector with breaking capacity (CBC)
- Easy and reliable twist lock system

Technical Specification

Neutrik NAC3PX-TRUE1 powerCON 16A Specification

Electrical	Material
Contact resistance: $\leq 2 \text{ m}\Omega$	Contact plating: $2 \text{ }\mu\text{m Ag}$
Dielectric strength: 4 kVdc / 2.8 kVac	Locking element: Stainless steel
Insulation resistance: $> 1 \text{ G}\Omega$ (after damp and heat test IEC 68-2-30)	Shell: Polyamide (PA 6.6)
Number of electrical contacts: 2 + PE	Contacts: Copper Alloy
Rating Europe: 16 A / 250 V AC according to EN IEC 60320-1	Environmental
Rating America: 20 A / 250 V AC according to UL 60320-1 20 A / 250 V AC according to CSA C22.2 No. 60320-1	Flammability: UL 94 V-0
Mechanical	Temperature range: -30°C to $+80^{\circ}\text{C}$ according to IEC 61984 -5°C to $+40^{\circ}\text{C}$ according to IEC 60320-1
Lifetime: > 5000 mating cycles	Protection class: IP 65 / 66 / 67 (mated or with closed caps)
Wiresize: 2.5 mm^2 , 12 AWG	UV resistance: F1 rated material withstands UV exposure