



N-Tron® 100-POE-SPL-48 Power Splitter

Item number: 100-POE-SPL-48

The N-Tron 2-port PoE splitter delivers new capability to legacy equipment with a rugged, unmanaged plug-and-play splitter. Transfer data and power devices with 48 VDC output. Ideal for use with N-Tron® series PoE devices. One 10/100BaseTX port and one PoE port provide best in class uptime performance and speed.



Power and connect non-PoE capable equipment with this 2-port PoE splitter

Features and benefits

✓ Connect and power non-PoE capable equipment

Use the splitter to connect and power your non-PoE capable devices using a Cat5 cable, as well as deploy non-PoE capable legacy devices without a dedicated power supply. Power out via a terminal block and Ethernet via RJ45 port. 48 VDC output.

✓ High performance and speed

Full wire speed communication. Supports up to 15.4 Watts (depending on cable and power sourcing equipment).

✓ Designed for rugged industrial conditions

Increased performance in demanding industrial settings. Designed for use in factory automation, utilities, SCADA systems, security, transportation and alternative energy.

✓ Leading compliance certifications

Full IEEE 802.3 af compliance. Suitable for hazardous environments with UL Class I, Division 2 listing and CE and CSA certifications. ABS Type approval for shipboard applications. Operating temperature of -40 °C to 85 °C.

✓ Two ports total for flexibility

One RJ-45 PoE port (data and power in) and one RJ-45 port (data out)

✓ Hardened metal enclosure

Designed to save space and easy to install. Hardened metal DIN-rail enclosure withstands industrial conditions. Dimensions: 4" X 1" X 3.7".

✓ LED status monitoring

Green LED indicator light displays when power is present.



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General

Net Weight (g)	770.1
Packed Weight (g)	770.1
Operating Temperature °C Min	-40
Operating Temperature °C Max	85
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	10% to 90% (Non Condensing)
Power Consumption (W)	15.36
Input Voltage (V)	46-54 VDC
Maximum Installation Altitude (m)	3048
Mounting	DIN rail mount (bracket included)
Housing Materials	Metal Housing
Packaging Material	Cardboard
Warranty (years)	5

Identification and Status

Product ID	100-POE-SPL-48
Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No

Physical Features

Top Wiring Clearance (mm)	25.4
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Physical Features

Front Wiring Clearance (mm)	50.8
SD Card Slot	No
Flash Drive	No
Contains Battery	No

Certifications and Standards

RoHS Compliant	Yes
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	No
DNV	Yes
KC	No