

# 100-POE-SPL

The N-Tron® 100-POE-SPL is a Power over Ethernet splitter designed to accept Ethernet with PoE via Cat5 cable and output power via terminal block and Ethernet via RJ-45. This allows devices which are not PoE capable to be connected and powered by a Cat5 cable. The 100-POE-SPL also allows legacy devices which are not PoE capable to be deployed without the need to provide a dedicated power supply. The 100-POE-SPL is ideal for use with N-Tron's 105TX-POE, 105FX-POE, 100-POE4 or other PoE sourcing equipment. The 100-POE-SPL can be ordered with 12, 24, or 48 volt DC output.

### **Product Features**

- Compact, Space Saving Package
- IEEE 802.3af Compliant
- One RJ-45 PoE Port (Data & Power In)
- One RJ-45 Port (Data Out)
- Unmanaged Operation
- Extended Environmental Specifications
  - -40°C to 85°C Operating Temperature
- Supports up to 15.4 Watts (Cable and PSE Dependent)
- Full Wire Speed Communications
- Built in Transient Voltage Suppression
- Power Status LED
- Hardened Metal DIN-Rail Enclosure

#### **Case Dimensions**

Height:	4.0"	(10.2cm)
Width:	1.0"	(2.6cm)
Depth:	3.7"	(9.3cm)
Depth (incl. DIN rail mount):	3.9"	(9.8cm)
Weight (max):	0.6 lbs	(0.27kg)
DIN-Rail Mount:	35mm	

#### **Electrical Specifications**

Input Voltage:	PoE (46-54 VDC)
Steady Input Current:	10 mA @ 48VDC (Under No Load)
Standy Outrout Comments	220 m A @ 49VD(

Steady Output Current: 320 mA @ 48VDC (Under Full Load)

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# **Network Media Specifications**

10Base-T: >Cat3 Cable 100Base-TX: >Cat5 Cable

# **Connectors Specifications**

10/100Base-TX: Two (2) RJ-45 TX Copper Ports

# **Recommended Wiring Clearance**

Front: ~2" (5.08cm) Top: ~1" (2.54cm)

#### **Regulatory Approvals**

FCC: CFR 47, Part 15, Subpart B - Class A; ANSI C63.4: ICES-003: CISPR 16-1

CE: EN61000-6-2,4, IEC 61000-4-2,3,4,6, EN55022,

EN50155 for Railway applications

UL/cUL: 508 and ISA 12.12.01-2007; Class I, Div II,

Groups A,B,C,D,T4A

GOST-R Certified, RoHS Compliant

Designed to comply with:

IEEE 1613 for Electric Utility Substations

NEMA TS1/TS2 for Traffic Control

# www.N-Tron.com



# QUALITY MANAGEMENT SYSTEM CERTIFIED BY DNV

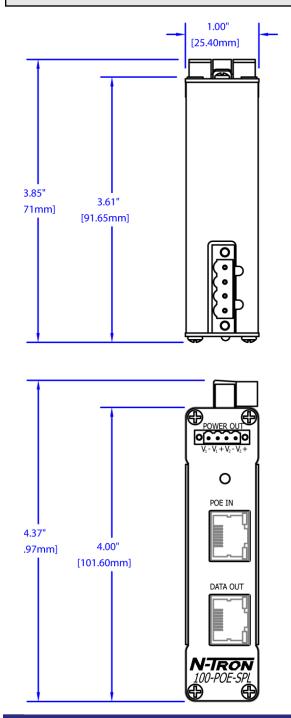
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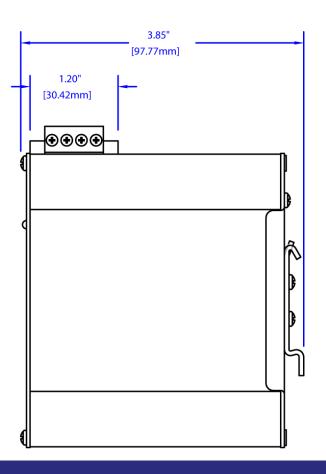
#### **Ordering Information**

100-POE-SPL-12Ethernet PoE splitter, 12VDC output100-POE-SPL-24Ethernet PoE splitter, 24VDC output100-POE-SPL-48Ethernet PoE splitter, 48VDC output100-POE-SPL-XXEthernet PoE splitter, Custom VDC output\*

**1000-PM** Panel Mount Kit

\*Call for pricing





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