100-POE-SPL PoE Splitter

N-Tron® Networking Series

red lion®

►►► PoE Splitter

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 RJ45.

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.

APPLICATIONS

> Factory Automation
> Utilities
> SCADA
> Security Surveillance
> Transportation
> Alternative Energy

PRODUCT HIGHLIGHTS

> Compact, Industrial Design
> Up to 5 port connections
> High Environmental Specifications
> N-Ring Advanced Ring Technology
> Increased Networking Performance
> Plug-and-Play Operation

FEATURES & BENEFITS

> 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
   • -40ºC to 85ºC 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

industrial networking

FC UL LISTED 65SN CE PG RoHS compliant

SWITCH PROPERTIES

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
   -40ºC to 85ºC Operating Temperature
Supports up to 15.4 Watts (Cable and PSE Dependent)
Full Wire Speed Communications
Built in Transient Voltage Suppression
Power Status LED
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POWER INPUT

Input Voltage: 46-54 VDC
Steady Output Current Under Full Load: 320 mA@48VDC
Steady Input Current Under No Load: 10 mA@48V

CONNECTORS

10/100BaseTX: Two (2) RJ45 copper ports

NETWORK MEDIA

10BaseT: >Cat3 cable
100BaseTX: >Cat5 cable

RECOMMENDED WIRING CLEARANCE

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

CERTIFICATION & COMPLIANCE

Product Safety: UL/cUL: Class I, Division 2, Groups A, B, C and D;
   T4 UL 508, ICE and ANSI/ISA-12.12.01-2007
Emissions: EN 55011, ICES-003, FCC/CE (CFR 47, Part 15,
   Subpart B, Class A)
Immunity: EN 61000-6-2/4, IEC 61000-4-2/3/4/5/6
Other: ABS type approval for shipboard applications
   DNV Type Approval Certification
   RoHS Compliant
   IEEE 1613 for Electric Utility Substations
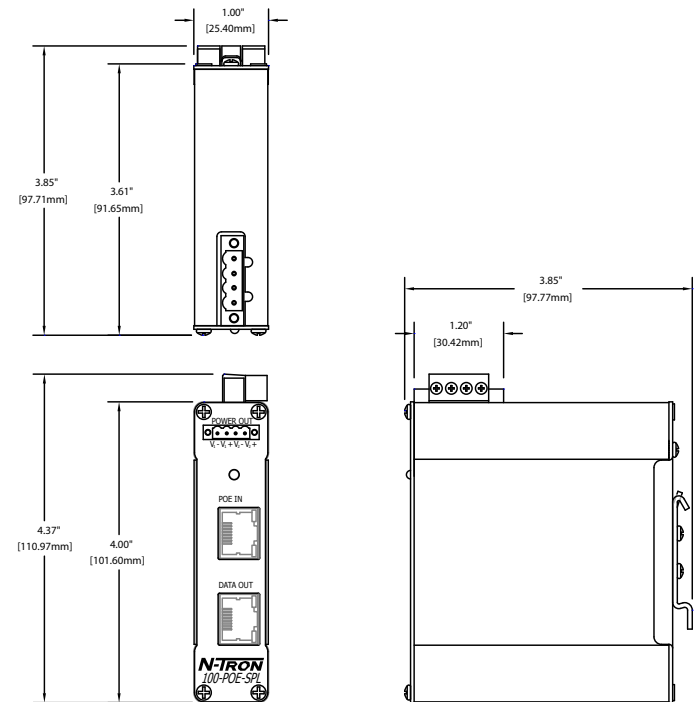   NEMA TS1/TS2 for Traffic Control

ENVIRONMENTAL

Operating Temperature: -40ºC to 85ºC

MECHANICAL

Case Dimensions
   Height: 4" (10.2 cm)
   Width: 1.0" (2.6 cm)
   Depth: 3.7 (9.3 cm)
   Depth (incl. DIN rail mount): 3.9" (9.8 cm)
Weight (max): 0.60 lbs. (0.27 kg)
Mount: DIN Rail 35mm

DIMENSIONS

All specifications are subject to change. Consult the company website for more information.

ORDERING GUIDE

PART NUMBER	DESCRIPTION
100-POE-SPL-12	Ethernet PoE splitter, 12VDC output
100-POE-SPL-24	Ethernet PoE splitter, 24VDC output
100-POE-SPL-48	Ethernet PoE splitter, 48VDC output
100-POE-SPL-XX	Ethernet PoE splitter, Custom VDC output*

*Call for pricing

www.redlion.net

Connect. Monitor. Control.

As the global experts in communication, monitoring and control for industrial automation and networking, Red Lion has been delivering innovative solutions for over forty years. Our automation, Ethernet and cellular M2M technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, N-Tron and Sixnet. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. Red Lion is part of Spectris plc, the productivity-enhancing instrumentation and controls company. For more information, please visit www.redlion.net.