

## Industrial Gigabit Ethernet PoE++ Splitter/Extender - RJ45 Data Ports, -40°C to 75°C, DC Output Terminal Block, 328 ft. (100 m), TAA

MODEL NUMBER: NPOE-SPL-EXT



Converts a high-power PoE connection into both Gigabit Ethernet data and 24V DC power for operating non-PoE equipment in harsh environments.

### Features

#### Delivers Power and Gigabit Data to Devices Without Built-In PoE Support

The NPOESPLECT Industrial PoE++ Splitter converts a single highpower Power over Ethernet (PoE) connection into Gigabit Ethernet data and 24V DC power, enabling reliable operation of nonPoE equipment in harsh industrial environments. By leveraging existing IEEE 802.3bt PoE++ infrastructure, it eliminates the need for local AC outlets and simplifies deployments in factories, warehouses, transportation systems and smart buildings. Using Cat5e/6/6a cabling, this splitter can extend your PoE signal up to 328 feet (100 meters).

#### Supports Power over Ethernet to Save You Money and Give You More Installation Choices

The NPOESPLECT leverages the latest IEEE 802.3bt (90W) standards to power high-demand devices without built-in PoE support over a single Ethernet cable. This splitter/extender supplies the power to operate a compatible non-PoE device in a variety of applications, including industrial, government, edge computing, military, transportation, food processing, security and smart building. The NPOESPLECT saves you the expense and effort of purchasing, connecting and installing individual power supplies for each device, which can be installed in an area far away from AC outlets, such as poles or ceilings.

#### Easy to Deploy and Inexpensive to Operate

This plug-and-play splitter can be mounted on a DIN rail within a cabinet or rack enclosure. The durable 4-pin terminal block can supply up to 65W of reliable 24V DC power. An on/off switch helps reduce inrush current without disconnecting cables.

#### Built to Withstand Harsh Environments

Designed for cabinet, control panel and field installations, the IP30-rated metal housing resists vibration, shock and electromagnetic interference (EMI). A wide range of operating temperatures from -40°F to 140°F (-40°C to 60°C) help make the NPOESPLECT a reliable operator in outdoor, surveillance, security, building maintenance and other extreme environments.

#### Protects Your Critical Devices

Built-in overload and short circuit protection safeguards connected devices, such as VoIP phones and touchscreen kiosks. LED indicators let you monitor power status and PoE load levels (30W/60W/90W) at a glance.

### Highlights

- Supplies up to 65W of reliable 24V DC power to your edge non-PoE devices
- Supports PoE to save you the expense and effort of powering PoE devices individually
- Built-in overload and short circuit protection safeguards connected devices
- Industrialgrade metal housing with wide -40°C to 60°C operating range
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Package Includes

- NPOE-SPL-EXT Industrial Gigabit Ethernet PoE++ Splitter/Extender
- DIN-rail mounting kit
- Terminal block
- (2) RJ45 rubber inserts
- User documentation



Powering Business Worldwide

TRIPP LITE  
SERIES

**TAA-Compliant for GSA Schedule Purchases**

The NPOE-SPL-EXT is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Specifications

OVERVIEW	
UPC Code	037332300386
Product Type	PoE Splitter/Extender
Technology	Cat5/5e; Cat6; Cat6a
NETWORK	
Network Ports	RJ45 (FEMALE)
INPUT	
Power Source	4-Pin Terminal Block
POWER	
Input Voltage(s)	12~48VDC
Power Consumption (Watts)	6.00
CONNECTIONS	
PoE Capability	15.4W (802.3af); 30W (802.3at); 60W (802.3bt)
PoE Supported Ports	1
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
Network Switch Ports	10/100/1000 (RJ45)
PoE Type	Type 1 PoE (15.4W, IEEE 802.3af); Type 2 PoE+ (30W, IEEE 802.3at); Type 3 PoE++/UPoE (60W, IEEE 802.3bt); Type 4 High-Power (100W, IEEE 802.3bt)
PHYSICAL	
Primary Form Factor	DIN-Rail
Material of Construction	ALUMINUM
Housing Color	Black; White
Mounting Holes or Slots	Yes
Shipping Dimensions (hwd / in.)	2.44 x 6.18 x 7.32
Shipping Weight (lbs.)	0.88
Unit Dimensions (hwd / in.)	0.980 x 4.570 x 3.930
Unit Dimensions (hwd / mm)	25 x 116 x 100



Powering Business Worldwide

TRIPP LITE  
SERIES

Unit Packaging Type	Box
Unit Weight (lbs.)	0.64
Unit Weight (kg)	0.29
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	-40° to 140°F (-40° to 60°C)
Storage Temperature Range	-40°F to 185°F (-40°C to 85°C)
Relative Humidity	5% to 95% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Network Compatibility	10 Mbps; 100 Mbps (Fast Ethernet); 1 Gbps (Gigabit); 1000 Mbps
Transmission Distance	100M
IEEE Standards Supported	802.3; 802.3ab; 802.3af; 802.3at; 802.3bt; 802.3u
Switching Capacity Details	4GBPS
<b>FEATURES &amp; SPECIFICATIONS</b>	
Recommended Category Cable	Cat 5/5e/6/6a
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Certifications	CAN/CSA C22.2; UL Listed
Product Compliance	FCC (USA); IEEE 802.3 10Base-T; IEEE 802.3ab 1000Base-T; IEEE 802.3at PoE+; IEEE 802.3bt PoE++; IEEE 802.3u 100Base-TX/FX; Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	3-year limited warranty

1000 Eaton Boulevard  
Cleveland, OH 44122  
United States  
<https://tripplite.eaton.com>

© 2026 Eaton. All Rights Reserved.  
Eaton is a registered trademark. All other trademarks  
are the property of their respective owners.