

# SPL90BT

Hardened PoE-Powered Power Supply



## Highlights

### + Flexible Power Output

- Provides power to remote non-PoE devices
- Various DC voltage outputs to power wide range of devices
- Accepts PoE power from IEEE 802.3af/at/bt compliant devices

### + Hardened-Grade for Non-Ventilated & Harsh Environments

- Wide operating temperature range -40 to 75°C (-40 to 167°F)
- Fanless operation
- High impact, thermal shock, and electrical noise resistance

### + Support

- Complimentary Technical Support
- In-person training and free online training courses available
- Limited Lifetime Warranty

## Overview

EtherWAN's SPL90BT is a compact hardened DIN-rail mounted PoE splitter. Using the latest IEEE 802.3bt PoE technology, the SPL90BT can accept up to 90W power from a PoE power source and provide power to remote non-PoE devices in environments where power is not available. Hardened-grade allows for reliable operation even in harsh environments.

EtherWAN — "When Connectivity is Crucial."

## Specifications

### + Interface

#### Ethernet

1 x 10/100/1000BASE-T(X), data out

1 x 10/100/1000BASE-T(X), PoE in

#### LED Indicators

Power detected: On/Off

BT: On (802.3bt detected), Off (802.3bt not detected)

#### DIP Switch (1/2)

Up/Up: 48VDC

Down/Up: 24VDC

Up/Down: 16VDC

Down/Down: 12VDC

### + Technology

#### Standards

IEEE 802.3 10BASE-T

IEEE 802.3u 100BASE-TX/100BASE-FX

IEEE 802.3ab 1000BASE-T

IEEE 802.3af PoE

IEEE 802.3at PoE+

IEEE 802.3bt 4PPoE

### + Power

#### Input

PoE Power Input

#### Power Consumption

1W max

#### PoE Power Output

48VDC@1.5A

24VDC@2.3A

16VDC@2.3A

12VDC@2.3A

#### Protection

Current Overload Protection

### + Physical

#### Casing Material

Aluminum

#### IP Rating

IP30

#### Dimensions

32 x 81.5 x 103.5mm (W x D x H)

1.26" x 3.21" x 4.07"

**Weight**  
1.5lbs (0.68kg)

**Installation Type**  
DIN-rail or wall mounting

## + Environmental

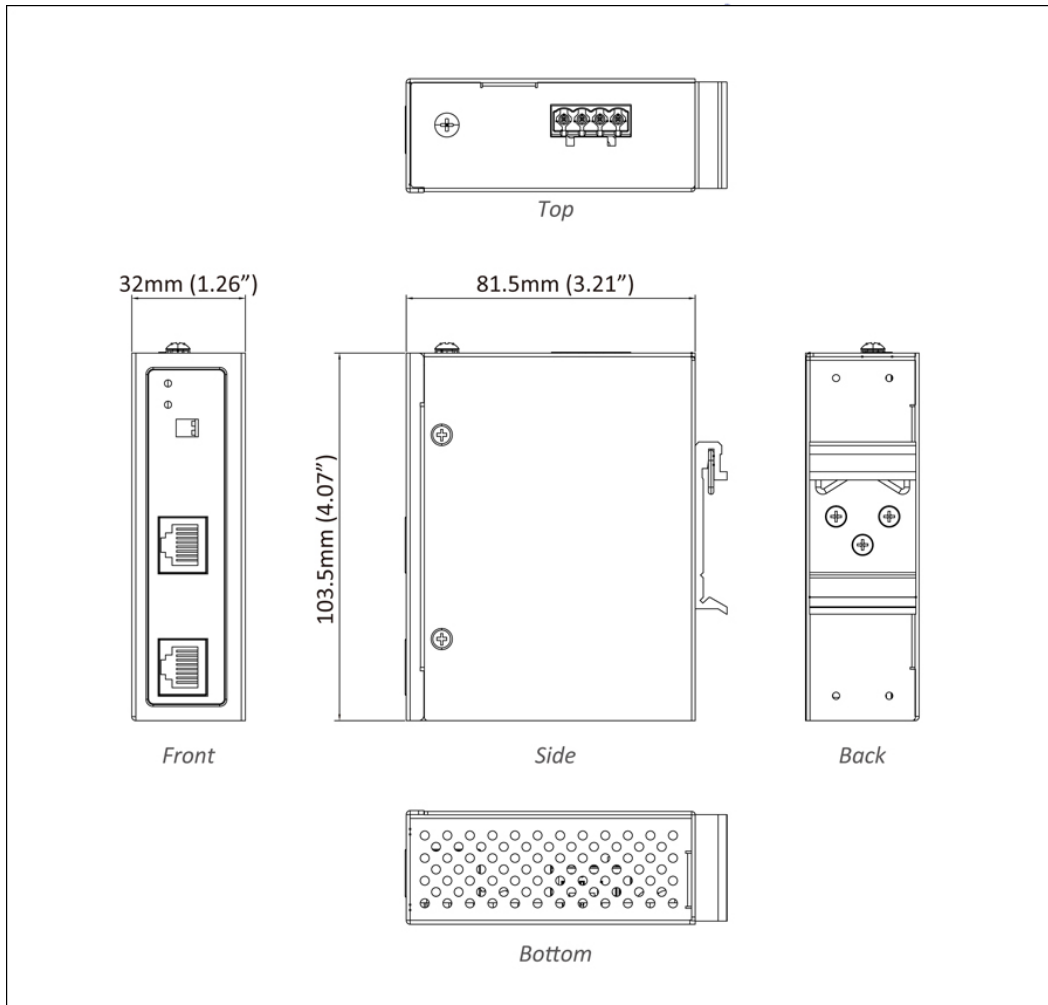
**Operating Temp.**  
-40 to 167°F (-40 to 75°C)

**Storage Temp.**  
-49 to 185°F (-40 to 85°C)

**Relative Humidity**  
5% to 95% (non-condensing)

**MTBF**  
>500,000 hours@50°C

## Dimensions



01 facility

[support/warranty-policy](#)

## Ordering Info

### + Model

**SPL90BT** 10/100/1000BASE-T PoE Splitter

## + What's Included

**Device**  
Splitter

**Installation**  
Mounting brackets, screws, 4-pin terminal block

**Documentation**  
Quick install guide



© EtherWAN Systems, Inc. All rights reserved. 20230211

EtherWAN is constantly developing and improving products. Specifications are subject to change without notice and without incurring any obligation.