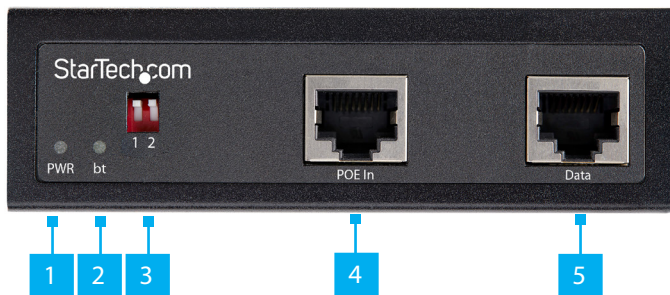


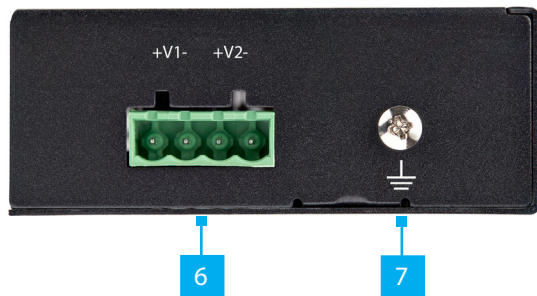
90W Industrial-Grade Hardened 802.3bt PoE Splitter 10/100/1000Mbps (48VDC Max Output)

Product Diagram (POESLT1G48V)

Front View



Side View



Component	Function
1 PWR LED Indicator	<ul style="list-style-type: none"> On - Power output is detected on Terminal Block Power Output Port Off - Power output is not detected Terminal Block Power Output Port
2 bt LED Indicator	<ul style="list-style-type: none"> On - POE IEEE 802.3bt and Power Source Equipment (PSE) is detected on PoE Input Port Off - POE IEEE 802.3bt and PSE is not detected on PoE Input Port
3 DIP Switches 1 and 2	<ul style="list-style-type: none"> Select the desired output voltage for the Terminal Block Power Output Port
4 PoE Input Port	<ul style="list-style-type: none"> Connect PSE via RJ45 Terminated Network Cable Supported power input voltage range is 15W up to 90W
5 Data Port	<ul style="list-style-type: none"> Connect a Non-PoE Device via RJ45 Terminated Network Cable

6 Terminal Block Power Output Port	<ul style="list-style-type: none"> Provides power up to two Non-PoE Equipment Supported power input voltages of 12, 16, 24, and 48 VDC The polarity is labeled per output as +V1- and +V2-. Starting from the left pin, positive (+), negative (-), positive (+), and negative (-)
7 Grounding Screw	<ul style="list-style-type: none"> Attach a Grounding Wire to protect Network Equipment

Requirements

For the latest requirements, please visit www.startech.com/POESLT1G48V.

- Power Source Equipment (ex. PoE Gigabit Switch, PoE Injector) x 1
- RJ45 Terminated UTP/STP Cat 5e (or better) Network Cable (sold separately) x 2
- Earth Ground Connection x 1
- Grounding Wire x 1
- (Optional - for power) Flat Head Screwdriver x 1
- (Optional - for mounting) Phillips Head Screwdriver x 1
- (Optional - for mounting) Screws x 2

Installation

Select DC Output Voltage using the DIP Switches

Toggle the **DIP Switches** up or down to select the output voltage of the **Terminal Block Power Output Port**. The output power is shared between the outputs.

UP	DIP1	DIP2	Output Voltage / Current	Output Power
	UP	UP	48VDC / 1.5A (default)	72W (max)
DOWN	DOWN	UP	24VDC / 2.3A	36W
	UP	DOWN	16VDC / 2.3A	24W
1 2	DOWN	DOWN	12VDC / 2.3A	18W

Grounding the PoE Extender

- Connect a **Grounding Screw** to the **Grounding Point** on the **PoE Splitter** and to the **Earth Ground Connection**.

Connecting the PoE Splitter

2. Connect a **Network Cable** to the **PoE Output Port** of the **Power Source Equipment** and to the **PoE Input Port** on the **PoE Splitter**.
3. Connect a **Network Cable** to the **Data Port** on the **PoE Splitter** and to the **Network Port** on the **Non-PoE Equipment**.

Powering the Non-PoE Equipment

Notes: A licensed Electrician must complete connecting and installing the **Terminal Block**.

Ensure to turn off the **Non-PoE Equipment** before connecting the **Power Wires** to the **Terminal Block**.

Do not exceed the recommended voltage of the **Non-PoE Equipment** as it may result in personal or equipment damage.

1. Ensure the **Power Output** is set to the correct voltage for the **Non-PoE Equipment** (12, 16, 24, 48VDC) via the **DIP Switches**.
2. The **Polarity** of the **Terminal Block Power Output Port** is marked on the exterior of the **Switch**. Start with **+V1-** by connecting the **Positive Wire** to **V+** and the **Negative Wire** to **V-**, to the **Power Input Connectors** of the **Non-PoE Equipment**.

Note: Repeat **Step 2** to power a second **Non-PoE Equipment** via the **+V2-** pins.

3. Secure the **Power Wires** by tightening the **Screws** on the **Terminal Block** with a **Flat Head Screwdriver**.
4. Insert the **Terminal Block** into the **Terminal Block Power Output Port**.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

Industry Canada Statement

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (A)/NMB-3(A)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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PHILLIPS® is a registered trademark of Phillips Screw Company in the United States or other countries.

Mounting the PoE Splitter

Wall Mounting

1. Align the holes in the **Wall Mount Brackets** with the holes in the back of the **PoE Splitter**.
2. Insert two **Phillips Head Screws** through each **Wall Mount Bracket** and into the **PoE Splitter**.
3. Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver** (sold separately).
4. Insert two **Screws** (sold separately) through the **Wall Mount Brackets** and into the **Mounting Surface**.
5. Tighten the **Screws** using the appropriate **Screwdriver**.

DIN Rail Mounting

1. Align the holes in the **DIN Rail Bracket** with the holes in the back of the **PoE Splitter**.
2. Insert three **Phillips Head Screws** through the **DIN Rail Bracket** and into the **PoE Splitter**.
3. Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver**.
4. Hang the top of the **DIN Rail Bracket** (the section with the two metal clips) onto a **Top Hat style DIN Rail**.
5. Press the **DIN Rail Bracket** down and forward to lock the bottom section onto the **DIN Rail**.

Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

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Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

Mesures de sécurité

- Si l'un des circuits imprimés du produit est visible, ne pas toucher le produit lorsqu'il est sous tension.

安全対策

- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

Misure di sicurezza

- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

Säkerhetsåtgärder

- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.

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