![Company Logo]

Sixnet® EB-PSE-48V-2A, Mode B Power Injector

Item number: EB-PSE-48V-2A

The Sixnet 4-port PoE injector transmits data and power easily with this unmanaged plug-and-play midspan injector. Ideal for industrial control and video security applications. Four ports in total with two high-performing auto-sensing PoE ports. Performance, durability and full IEEE 802.3 af compliance.

Pass data and power over a single cable with this 4-port PoE injector

Features and benefits

✓ Send data and VDC power easily

A single solution makes it easy to transfer data and power over one cable to your Ethernet devices in the field. Ideal for PoE cameras, wireless access points and other PoE devices.

✓ High performance Power over Ethernet (PoE) ports

Auto-detection of PoE devices. Over-temperature and over-current detection. Over/under-voltage protection. 48 VDC power input at 15.4 Watts per channel (13 Watts at PD).

✓ Suitable for industrial environments

High performance in demanding industrial settings. Over 1 million hours MTBF. Operating temperature of -40 °C to 75 °C.

✓ Leading compliance certifications

Full IEEE 802.3 af PSE compliance. Suitable for hazardous environments with UL Class I, Division 2 listing and CE and CSA certifications.

✓ Unmanaged plug-and-play simplicity

No complex user settings required. Ready to use right out of the box.

✓ 4 ports total for flexibility

Two 10/100BaseT(X) RJ-45 ports (data in) and two 10/100BaseT(X) RJ-45 PoE+ ports (data and power out) with Mode A signal pair RJ-45 PoE pin assignments.

✓ Durable IP30-rated Lexan case

Slim and easy to install. Comes in a durable Lexan case for DIN-rail or direct panel mounting. Dimensions: 4" X 1" X 3.3".

✓ LED status monitoring

LED indicator lights display PoE connectivity and power fault status.

✓ Redundant power inputs

Redundant DC power inputs (45-56 VDC) offer increased reliability and stay running in case of power supply failure.

HMS

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General

Net Weight (g)	204.1164
Packed Weight (g)	204.1164
Operating Temperature °C Min	-40
Operating Temperature °C Max	75
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	5% to 95% (non condensing)
Power Consumption (W)	10
Input Voltage (V)	45-56 VDC @ 31 Watts max
Mounting	DIN rail mount (bracket included)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	5

Identification and Status

Product ID	EB-PSE-48V-2A
Country of Origin	Taiwan (Province of China)
HS Code	8517620000
Dual Usage	No

Physical Features

SD Card Slot	No
Flash Drive	No

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Physical Features

Contains Battery	No

Certifications and Standards

Protection Class IP	IP30
RoHS Compliant	No
CE	Yes
FCC	Yes
UKCA	No
UL	Yes
ATEX	Yes
DNV	No
KC	No
Mean Time Before Failure (MTBF)	>1 million
Vibration and Shock	Shock: IEC60068-2-27; Vibration: IEC60068-2-6