

PSI-1010/660 Series

Quick Installation Guide



Industrial PoE Switch

www.westermo.com

Package List

- ▶ PSI device
- ▶ Attached 4-pin power terminal block
- ▶ Quick installation guide

Overview

PSI-1010G-24V PSI-660G-24V PSI-1010G-48V PSI-1010-F2G-48V

Interface				
10/100 Base-TX	8	4	8	8
10/100/1000 Base-TX	2	2	2	
1000 Base FX SFP				2
PoE Injector	Port 1~8	Port 1~4	Port 1~8	Port 1~8
PoE Wiring Pins	4,5,7,8	4,5,7,8	4,5,7,8	4,5,7,8
Power Boost	12~24V Boost	12~24V Boost		

DIN rail Mount

The aluminum DIN rail attachment on the back of PSI Device is used to snap into the DIN rail plate

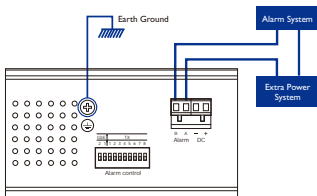


Grounding PSI

Connecting grounding screw to the earth ground will ensure safety and reduce the interference of noise.

Wiring the Relay Output

The relay output contacts are in the Left of the terminal block connector. By inserting the wires and settings the DIP switch of the respective alarm function to "ON", relay output alarm will detect port link fault, and form a short circuit.



Dip Switch Setting

DIP Switches to configure Port Link Fail Alarm for GbE & PoE port

Pin No. #	1	2	Pin No. #	3	4	5	6	7	8	9	10
GbE port	2	1	PoE port	1	2	3	4	5	6	7	8



Default: off

Note: The Pin No. of PSI-660G-24V only DIP1~6

PSI-1010G-24V

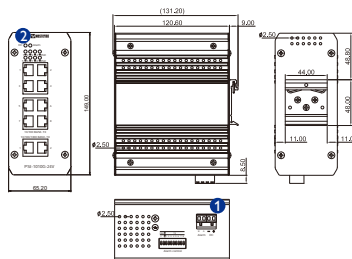
LED per unit

- ▶ Power On/off x1 (Green on/off)
- ▶ Alarm enable/disable x1 (Red on/off)
- ▶ PoE LED x8 (Green on/off)

LED per port

- ▶ Link/Activity x10 (Green on/ blinking)
- ▶ 10/100-TX Full Duplex/ Collision x8 (Yellow on/ blinking)
- ▶ 10/100/1000-TX Speed x2 (Yellow blinking)

ME outline



- ▶ Dimension (mm):

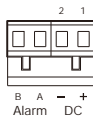
149(H) x 131(W) x 66(D)

- ▶ Weight: 1.05kg

- ▶ Operating temperature: -25~60°C

- 1 Connect the power line from the power supply
- 2 Indicators: Power on (green on)

PIN assignment—Power connector



Pin	Power Signal
1	VCC
2	GND

- ▶ Power supply:

Single input 12~24V DC,
boosting to 48V DC for PoE

- ▶ Power consumption:

95W (incl. PoE), 30W

PSI-660G-24V

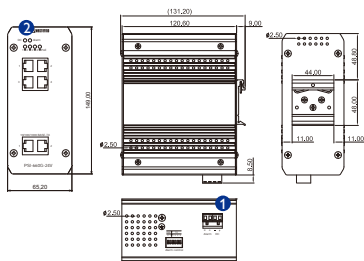
LED per unit

- ▶ Power On/off x1 (Green on/off)
- ▶ Alarm enable/ disable x1 (Red on/off)
- ▶ PoE LED x4 (Green on/off)

LED per port

- ▶ Link/Activity x6 (Green on/ blinking)
- ▶ 10/100-TX Full Duplex/ Collision x4 (Yellow on/ blinking)
- ▶ 10/100/1000-TX Speed x2 (Yellow blinking)

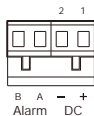
ME outline



- ▶ Dimension (mm):
149(H) x 131(W) x 66(D)
- ▶ Weight: 1.05kg
- ▶ Operating temperature: -25~60°C

- 1 Connect the power line from the power supply
- 2 Indicators: Power on (green on)

PIN assignment—Power connector



Pin	Power Signal
1	VCC
2	GND

- ▶ Power supply:
Single input 12~24V DC,
boosting to 48V DC for PoE
- ▶ Power consumption:
80W (incl. PoE), 25W

PSI-1010G-48V / PSI-1010-F2G-48V

LED per unit

- ▶ Power On/off x1 (Green on/off)
- ▶ Alarm enable/ disable x1 (Red on/off)
- ▶ PoE LED x8 (Green on/off)

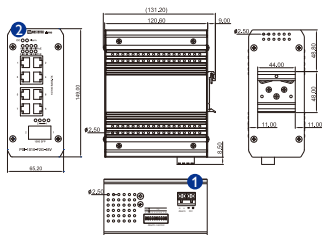
PSI-1010-F2G-48V

- ▶ FX Link/Activity x 2 (Green on/blinking)
- ▶ FX Speed x 2 (Yellow blinking)

LED per port

- ▶ Link/Activity x10 (Green on/ blinking)
- ▶ 10/100-TX Full Duplex/ Collision x8 (Yellow on/ blinking)
- ▶ 10/100/1000-TX Speed x2 (Yellow blinking)

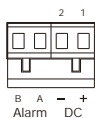
ME outline



- ▶ Dimension (mm):
149(H) x 131(W) x 66(D)
- ▶ Weight: 1.05kg
- ▶ Operating temperature: -25~70°C

- 1 Connect the power line from the power supply
- 2 Indicators: Power on (green on)

PIN assignment—Power connector



Pin	Power Signal
1	VCC
2	GND

- ▶ Power supply:
Single input 48V DC for PoE
- ▶ Power consumption:
95W (incl. PoE), 30W

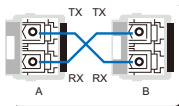
Connecting the SFP port

Plug in SFP fiber transceiver. We recommend using westermo SFP transceivers. Cross-connect the transmit channel at each end to the receive channel at the opposite end as illustrated in the figure.

ATTENTION



This is a Class 1 Laser/LED product.
Don't stare at the Laser/LED Beam.





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