

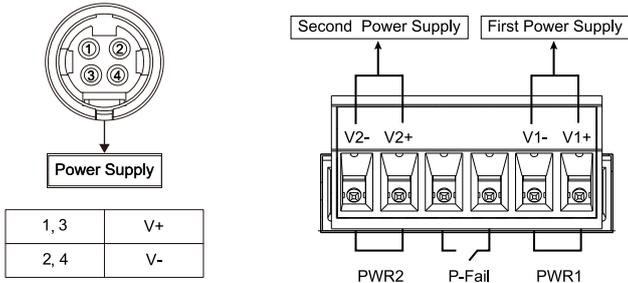
810G-5PI Industrial GbE Unmanaged PoE Switch Quick Installation Guide

Version: 1.00

Connecting Power

The 810G-5PI can be powered by two ways, one is directly connected to 4-pin DC IN power-connector, the other way is to insert the positive and negative wires (AWG 14-26) into V+ and V- contact on the terminal block respectively and tighten the wire-clamp screws to prevent the wires from being loosened. The input range is 48~55 VDC.

4-pin DC IN power-connector DC Terminal Block

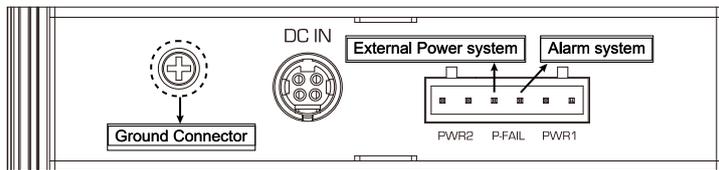


WARNING

The DC power should be connected to a well-fused power supply.

Alarm Relay and Ground

- The alarm relay output contacts are in the middle of the DC terminal block connector as shown in the figure below.
- The alarm relay out is “Normal Open”, and it will be closed when either one of PWR1 or PWR2 is not connected to power supply.
- The relay output with current carrying capacity of 0.25A @ 50 VDC.
- The switch must be properly grounded for optimum system performance.



PWR1	PWR2	DC IN	Relay	Alarm
Detected	Detected	N/A	Open	Off
Not Detected	Detected	N/A	Close	On
Detected	Not Detected	N/A	Close	On
Not Detected	Not Detected	N/A	Close	On

LED Indicators

LED	Color	Description
DC IN, P1, P2	On: Green	DC IN/PWR1/PWR2 is powered.
	Off	DC IN/PWR1/PWR2 is not powered.
PoE-Max	On: Green	Total PoE output power reaches 110 watts.
	Off	Total PoE output power is less than 110 watts.
LINK	On: Green	Ethernet LINK UP at 1000Mbps.
	On: Amber	Ethernet LINK UP at 10/100Mbps.
	Blinking: Green	Ethernet traffic detected.
	Off	Ethernet LINK DOWN.
PoE	On: Green	PoE PD (Powered Device) connected.
	Off	PoE PD (Powered Device) disconnected.
UPLINK	On: Green	LINK UP at 100/1000Mbps.
	Blinking: Green	Traffic detected.
	Off	LINK DOWN.

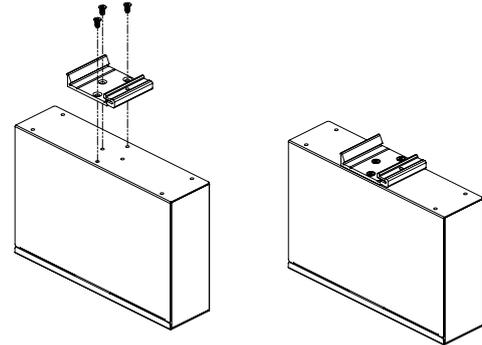
RJ45 Connector Pinouts

The pin assignment of RJ45 connector is shown in the following table.

Pin	Description	PoE Pinouts
1,2	T/Rx+, T/Rx-	V+
3,6	T/Rx+, T/Rx-	V-
4,5	T/Rx+, T/Rx-	X
7,8	T/Rx+, T/Rx-	X

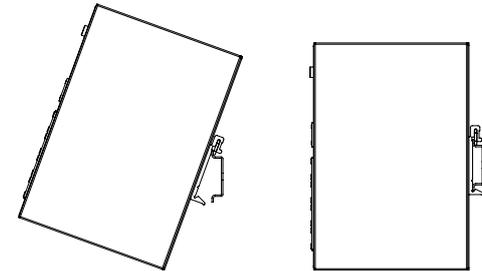
DIN-rail Mounting

STEP 1: Use the screws to install the DIN-rail kit to attach at the rear side of the switch.



STEP 2: Hook the unit onto the DIN-rail.

STEP 3: Push the bottom of the unit towards the DIN-rail until it locks in place.



NOTE

- Please scan below QR Code to download online resources.
Download Link: <https://www.proscend.com/en/product/810G.html>



810G-5PI