

850G-6PI Industrial Ethernet Switch

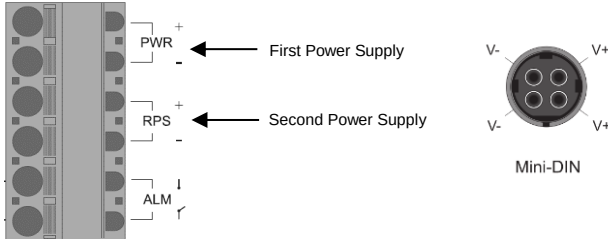
Quick Installation Guide

Version: 1.00

Connecting Power

The 850G-6PI Industrial Ethernet Switch can be powered from three power supplies (input range 48~57 VDC). Two power inputs on the terminal block and one Mini-DIN power inlet are on the top panel of the switch. Insert the positive and negative wires (AWG 12-24) into V+ and V- contacts on the terminal block respectively and use a flat-head screwdriver to push in and open the wire clamp.

You can use either "Terminal Block" or "Mini-DIN" for primary power and "Terminal Block" for the secondary power source, to be a Redundant Power Input. Check the polarity while connecting.

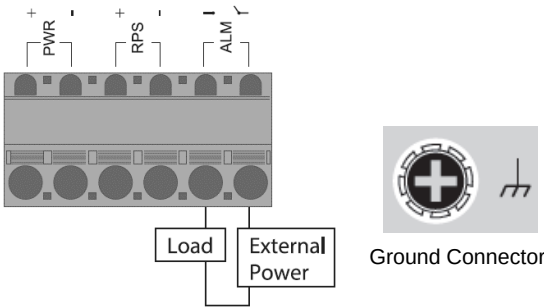


WARNING

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

Alarm Relay and Ground

- The alarm relay output contacts are shown as ALM next to the DC terminal block connector as the figure below.
- The alarm relay out is "Normal Open", and it will be closed when it is detecting any predefined failure such as power failures.
- The relay output with current carrying capacity of 1A @ 24 VDC.
- The switch must be properly grounded for optimum system performance.



DIP Switch Setting

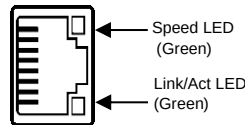
DIP	Function Description
1 (PWR)	ON: Primary power alarm reporting is enabled. OFF: Primary power alarm reporting is disabled.
2 (RPS)	ON: Redundant power alarm reporting is enabled. OFF: Redundant power alarm reporting is disabled.

Reset Button

Function	Operation
Reboot	Press the Reset button for 2 seconds and release.
Reset to factory default	Press the Reset button for 10 seconds and release.

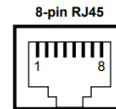
LED Indicators

LED	Color	Description
PWR/RPS	On: Green	PWR/RPS is powered.
	Off	PWR/RPS is not powered.
ALM	On: Red	Alarm for abnormal power status or function.
	Off	Normal operation or DIP switch OFF.
RJ45 LAN port Link/Act	On: Green	Ethernet LINK UP.
	Blinking: Green	Ethernet traffic detected.
	Off	Ethernet LINK DOWN.
RJ45 LAN port Speed	On: Green	Ethernet LINK UP at 1000Mbps.
	Off	Ethernet LINK DOWN or LINK UP at 10Mbps/100Mbps.
UPLINK	On: Green	LINK UP.
	Blinking: Green	Traffic detected.
	Off	LINK DOWN.
PoE	On: Green	PoE PD (Powered Device) connected.
	Off	PoE PD (Powered Device) disconnected.



RJ45 Connector Pinouts

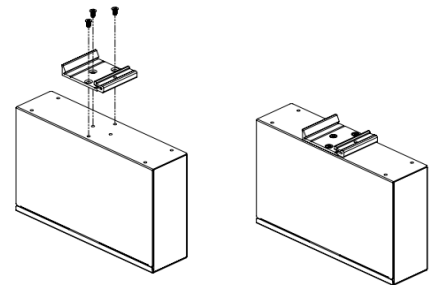
The pin assignment of RJ45 connector is shown in the following table.



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

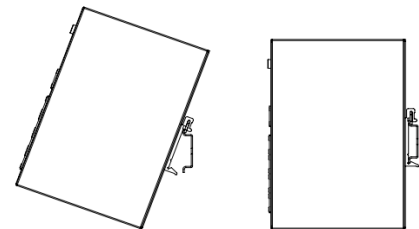
DIN-rail Mounting

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.



Web Interface: Connect & Login

- Factory default IP: 192.0.2.1
- Login with default account and password
Username: root
Password: 2wsx#EDC

NOTE

Please scan below QR Code to download online resources.
Download Link:
<https://www.proscend.com/en/product/850G-6PI.html>



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