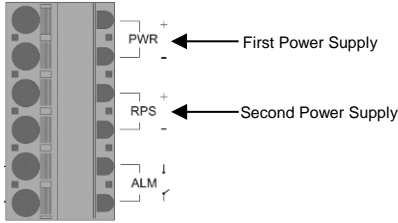


## 850G-10PI Industrial Ethernet Switch Quick Installation Guide

Version: 1.00

### Connecting Power

The 850G-10PI Industrial Ethernet Switch can be powered from two power supplies (input range 48–57 VDC). Two power supplies 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.

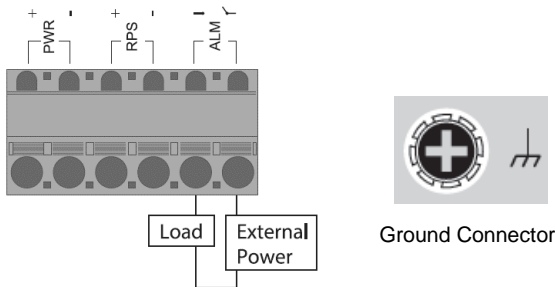


#### WARNING

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

### Alarm Relay and Ground

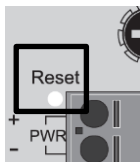
- The alarm relay output contacts are shown as ALM next to the DC terminal block connector as the figure below.
- The alarm relay out is "Normal Open", and it will be closed when it is detecting any predefined failure such as power failures.
- The relay output with current carrying capacity of 1A @ 24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



### DIP Switch Setting

DIP	Function Description
1 (PWR)	ON: Power alarm reporting is enabled. OFF: Power alarm reporting is disabled.
2 (RPS)	ON: Broadcast storm control is enabled. OFF: Broadcast storm control is disabled.
3 (Storm)	ON: Port Priority is enabled on Port 2. OFF: Port Priority is disabled.
4 (QoS)	ON: Port 100FX support is enabled. OFF: Port 100FX support is disabled.
5 (Port 9)	ON: Port 100FX support is enabled. OFF: Port 100FX support is disabled.
6 (Port 10)	ON: Port 100FX support is enabled. OFF: Port 100FX support is disabled.

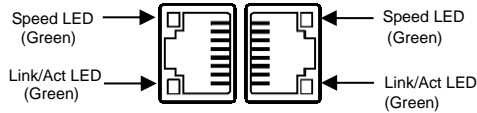
### Reset Button



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.



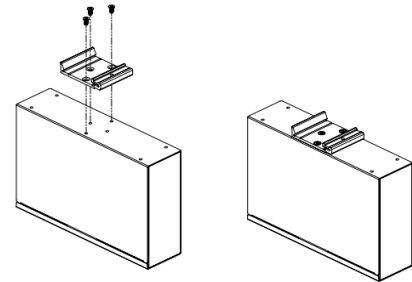
### RJ45 Connector Pinouts

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

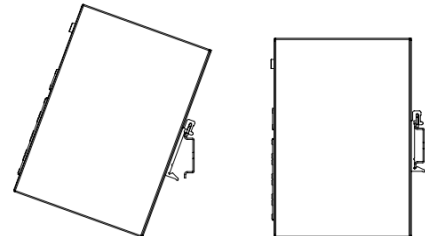
### DIN-rail Mounting

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-10PI.html>



850G-10PI