

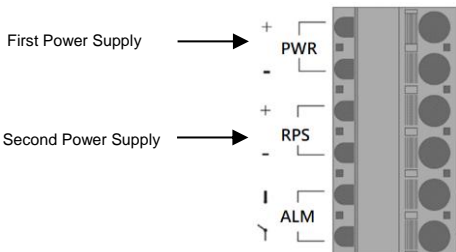
850G-10I Industrial Ethernet Switch

Quick Installation Guide

Version: 1.00

Connecting Power

The 850G-10I Industrial Ethernet Switch can be powered from two power supplies (input range 24~48VDC). 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.

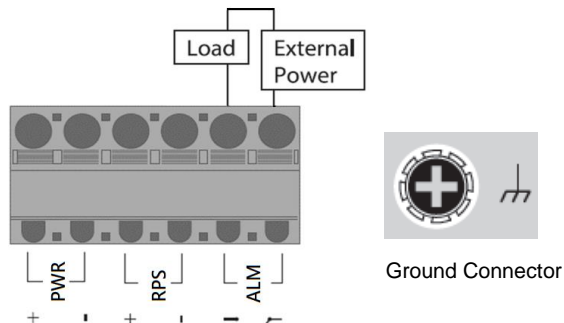


WARNING

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: 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.

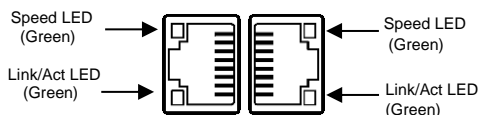
Reset Button

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.



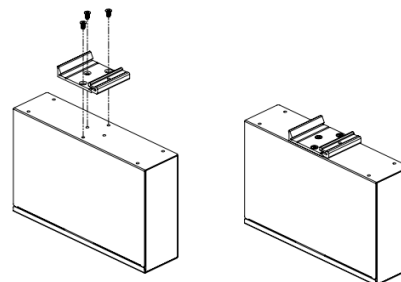
RJ45 Connector Pinouts

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

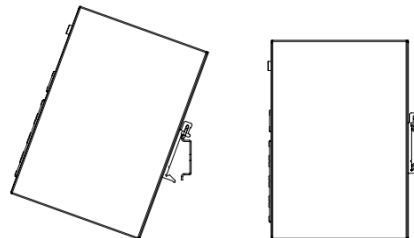
DIN-rail Mounting

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-10I.html>

