

RPT-2007GH/2807GH-2F-X4 Series

7 Port Industrial Managed Gigabit PoE++ Switch

Quick Installation Guide

Read Before Operating

Ambient Temperature

Temperature range depends on the purchased model. For detail information, please refer to product datasheet.

- Standard Operating Temperature Model: -10°C~65°C or -10°C~70°C or -40°C~60°C or -40~65°C
- Extended Operating Temperature Model: -40°C~75°C or -40°C~80°C

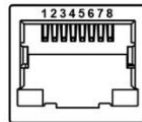
Power Supply

Suggest using UL listed industrial power supply.

Ethernet Ports

1. RJ-45 Ports(Auto MDI/MDIX)

The RJ-45 ports are auto-sensing for 10Base-T, 100Base-TX or 1000Base-T devices connections. Auto MDI/MDIX means that the switch can connect to another switch or workstation without changing the straight-through or crossover cabling.



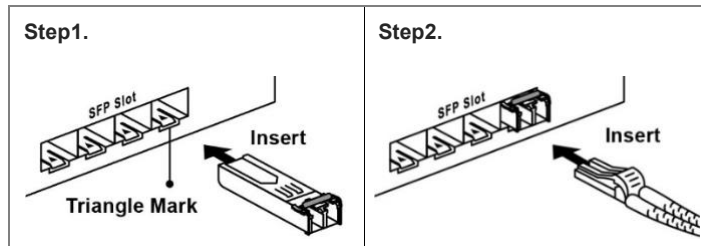
RJ45 Ethernet Port Pin Outs

Pin	T568A Color	T568B Color	10Base-T, 100Base-TX	1000 Base-T(X)	PoE+	bt PoE
1	white/green stripe	white/orange stripe	Rx+	TP0+	DC+	DC-
2	green solid	orange solid	Rx-	TP0-	DC+	DC-
3	white/orange stripe	white/green stripe	Tx+	TP1+	DC-	DC+
4	blue solid	blue solid	unused	TP2+		DC+
5	white/blue stripe	white/blue stripe	unused	TP2-		DC+
6	orange solid	green solid	Tx-	TP1-	DC-	DC+
7	white/brown stripe	white/brown stripe	unused	TP3+		DC-
8	brown solid	brown solid	unused	TP3-		DC-

2. SFP Port

To connect the transceiver and LC cable, please follow below steps:

- Step 1.** Insert the SFP transceiver module into the SFP slot. Notice that the triangle mark is at the bottom of the SFP slot.
- Step 2.** Insert the fiber cable of the LC connector into the transceiver.

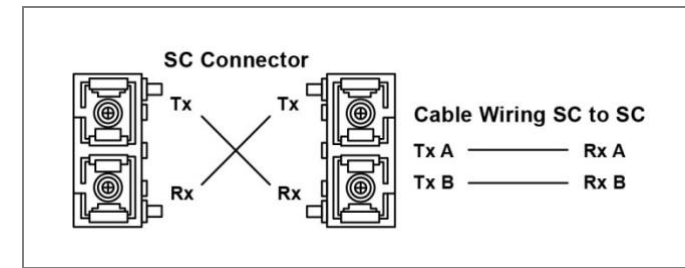


3. Fiber Port

The fiber port of SC type connector can work in multi-mode or single-mode. When connecting the fiber port to another one, please follow the image below to connect accordingly. Wrong connection will cause the port to work abnormally.

Caution:

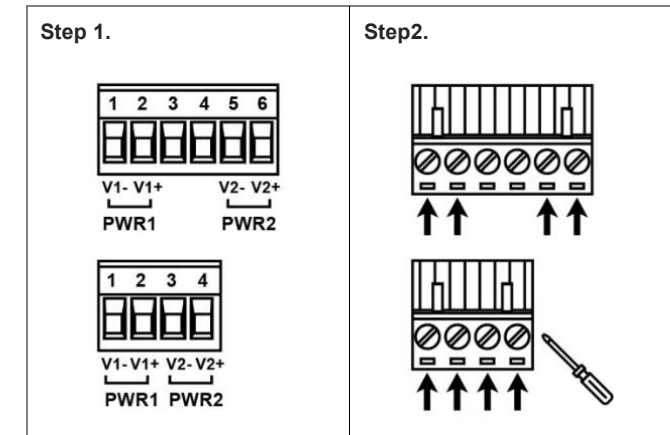
This is a Class 1 Laser/LED product. Don't stare into the Laser/LED Beam.



Wiring the Power Inputs

Please follow the below steps to insert the power wire.

- Step 1.** Insert the positive and negative wires into the PWR1(V1+, V1-) and PWR2(V2+, V2-) contacts on the terminal block connector.
- Step 2.** Tighten the wire-clamp screws to prevent the wires from loosening



Note:

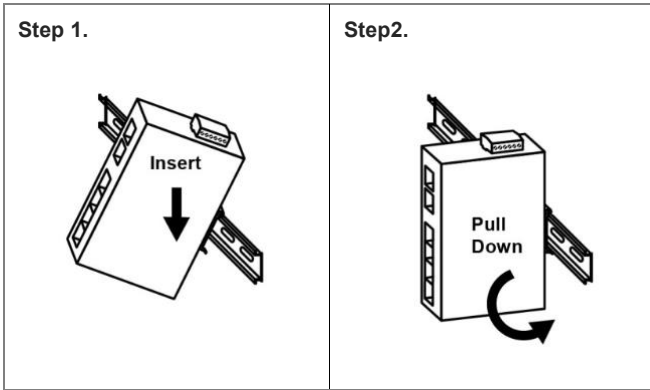
- Only use copper conductors, 125°C, tighten to 5 lbs.
- The wire gauge for the terminal block should range between 18~20 AWG.

Mounting Installation

1. DIN-Rail Mounting

Follow the steps below to mount the industrial Ethernet switch using the pre-installed DIN-Rail bracket:

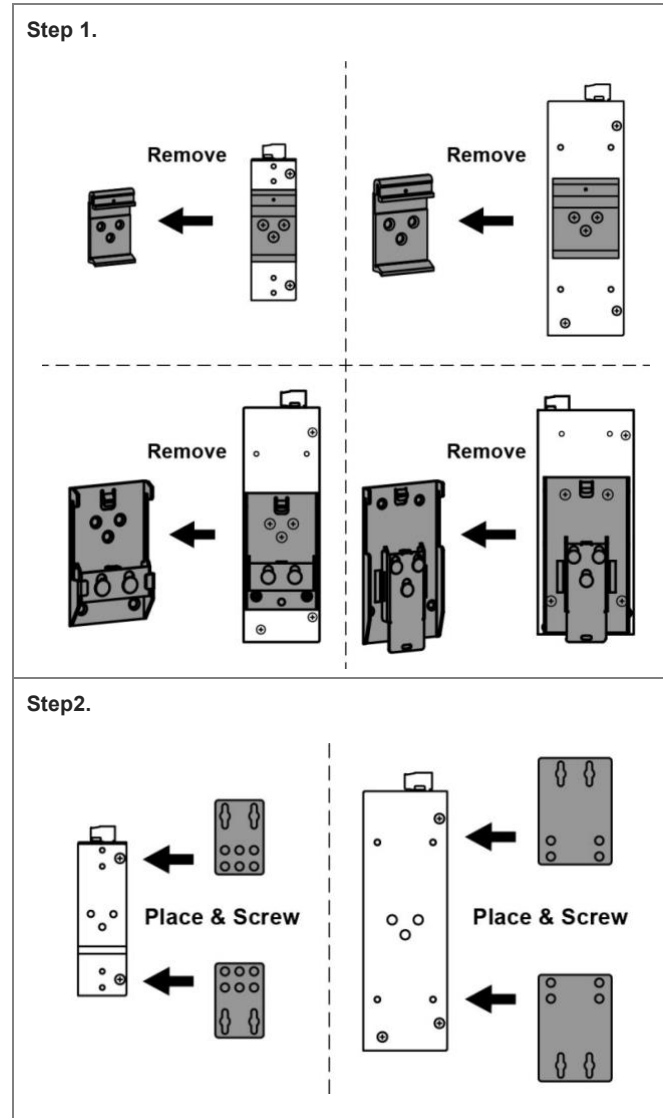
- Step 1.** Insert the top of the DIN-Rail on to the track.
- Step 2.** Lightly pull down the bracket on to the rail.
- Step 3.** Check if the bracket is mounted tightly on the rail.
- Step 4.** To remove the industrial Ethernet switch from the rail, perform Steps 1~3 in reverse.



2. Wall Mounting

Follow the steps below to mount the industrial Ethernet switch using the wall mounting bracket:

- Step 1.** Remove the DIN-Rail bracket from the industrial Ethernet switch by loosening the screws.
- Step 2.** Place the wall mounting brackets on the top and bottom, and use the screws to screw the wall mounting bracket onto the industrial Ethernet switch.
- Step 3.** Use the hook holes at the corners of the wall mounting bracket to hang the industrial Ethernet switch on the wall.



3. Rack Mounting

Follow the steps below to mount the industrial Ethernet switch in a standard 19-inch rack using the rack mounting bracket:

- Step 1.** Install left and right front mounting brackets to the switch using screws on each side.
- Step 2.** With front brackets orientated in front of the rack, fasten the brackets to the standard 19-inch rack.

