

1 Unpacking

Open the carton and unpack the items. Your package should include:

- One EX32008 Switch
- DIN rail mounting kit

If any items are missing or damaged, notify your EtherWAN representative. If possible, save the carton and packing material in case you need to ship or store the switch in the future.

2 Equipment Needed

- Category 5 or better cable for RJ-45 ports
- Appropriate fiber cable for fiber ports

3 Select a Location

- Installation: DIN rail. Place the device on the DIN rail from above using the slot. Push the front of the device toward the mounting surface until it audibly snaps into place.
- Choose a dry area with ambient temperature between -10°C to +60°C (14°F to 140°F).
- Keep away from heat sources, sunlight, warm air exhausts, hot-air vents, and heaters.
- Be sure there is adequate airflow.

4 Connect to the Data Ports

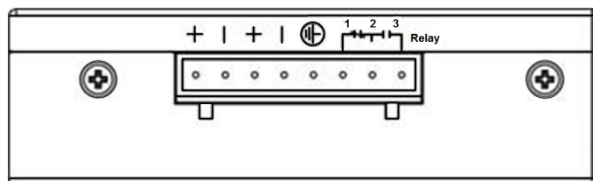
Depending on the model, your switch can have the following ports:


- 7 or 8 10/100Base-TX ports
- 0 or 1 100Base-FX ports

5 Connect Power

Terminal Block

The switch provides two power inputs on a 12-48VDC terminal block. Only one power input is required to operate the switch.



| Pin | | Description |
|---|---|--------------|
| Power 2 | + | 12-48VDC |
| | - | Power Ground |
| Power 1 | + | 12-48VDC |
| | - | Power Ground |
|  | | Earth Ground |
| Relay Output Rating | | 0.6A @ 30VDC |

Power Failure Alarm

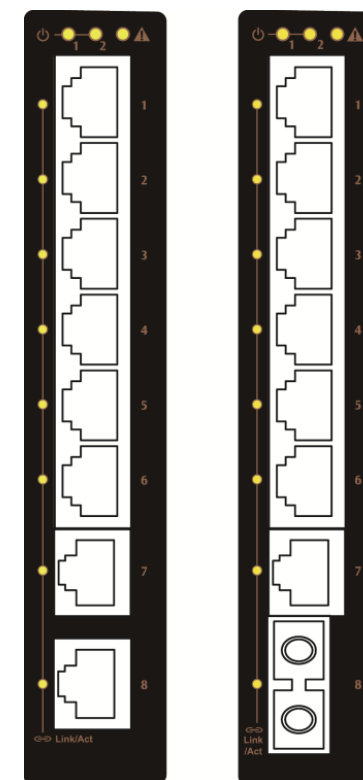
There are three pins on the terminal block are used for power failure detection. It provides the normally open or closed output when the power source is active. Use this as a dry contact application to send a signal for power failure detection.

Power-Up Sequence

When the switch is powered up:

- All **Link/ACT** LEDs blink momentarily.
- The **Power** LED lights up and stays lit.
- LEDs for every port connected to a device will flash, as the switch conducts a brief Power On Self-Test (POST).

6 LED Indicators



| LED | State | Description |
|----------------------------|----------|--------------------------------|
| Power 1, 2 (Green) | On | Switch is powered ON correctly |
| | Off | Switch is not receiving power |
| Fault (Red) | On | Relay alarm on |
| | Off | Relay alarm off |
| 10/100TX or 100FX/BX Ports | | |
| Link/Act (Green) | On | Network connection established |
| | Off | No link |
| | Blinking | Transmitting or receiving data |

7 Set DIP Switches

The switch has a 10-position DIP switch that controls the alarm status on each port. Alarms are sent through the relay output.

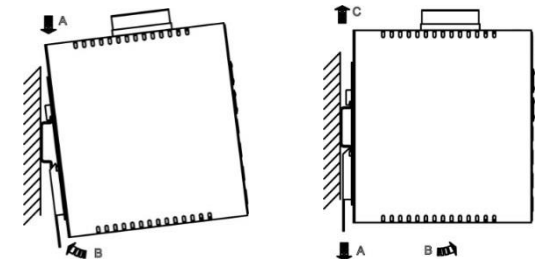


| DIP Switch | Setting and Description |
|------------|--|
| 1 | ON = Port 1 Alarm is enabled. OFF = Port 1 Alarm disabled |
| 2 | ON = Port 2 Alarm is enabled. OFF = Port 2 Alarm disabled |
| 3 | ON = Port 3 Alarm is enabled. OFF = Port 3 Alarm disabled |
| 4 | ON = Port 4 Alarm is enabled. OFF = Port 4 Alarm disabled |
| 5 | ON = Port 5 Alarm is enabled. OFF = Port 5 Alarm disabled |
| 6 | ON = Port 6 Alarm is enabled. OFF = Port 6 Alarm disabled |
| 7 | ON = Port 7 Alarm is enabled. OFF = Port 8 Alarm disabled |
| 8 | ON = Port 8 Alarm is enabled. OFF = Port 8 Alarm disabled |

8 DIN Rail Installation

DIN-Rail Assembly Startup, and Dismantling

- Assembly:** Place the Switch on the DIN rail from above using the slot. Push the front of the Switch toward the mounting surface until it audibly snaps into place.
- Startup:** Connect the supply voltage to start up the Switch via the terminal block.
- Dismantling:** Pull out the lower edge and then remove the Switch from the DIN rail.



Manufacturer information:

EtherWAN Systems, Inc.

33F, No. 93, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City, 221 Taiwan

The full product manual can be downloaded from:

www.etherwan.com

