

1 Unpacking

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

- One EX42000 Switch

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.

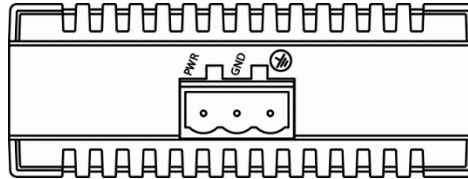
4 Connect to the Data Ports


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

- 10/100Base-TX Ports
- 100Base-FX Port
- WDM 100Base-BX Port

5 Connect Power

Power Supply is via a DC terminal block power input, 12-48VDC



Terminal Block	
PWR	Power input
GND	Power ground
	Earth ground

Power-Up Sequence

When the switch is powered up:

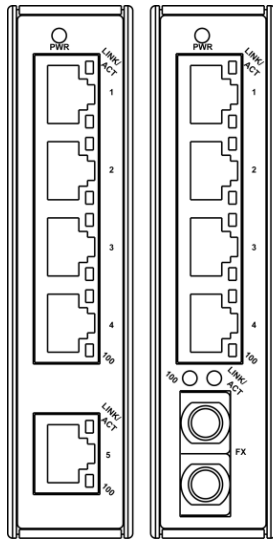
- All **Link/ACT** LEDs blink momentarily.
- The **Power** LED lights up and stays lit.
- LEDs for every port connected to a device will flash, as the switch conducts a brief Power On Self-Test (POST).

CAUTION: This equipment is designed to permit the connection of the earthed conductor of the DC supply circuit to the earthing conductor at the equipment.

For power connection, the following conditions must be met:

- This equipment shall be connected to directly to the DC supply system earthing electrode conductor or to a bonding jumper from an earthing terminal bar or bus to which the DC supply system earthing electrode conductor is connected.
- This equipment shall be located in the same immediate area (such as, adjacent cabinets) as any other equipment that has a connection between the earthed conductor of the same DC supply circuit and the earthing conductor, and also the point of earthing of the DC system. The DC system shall not be earthed elsewhere.
- The DC supply source is to be located within the same premises as the equipment.
- Switching or disconnecting devices shall not be in the earthed circuit conductor between the DC source and the point of connection of the earthing electrode conductor.

6 Port Status LED Indicators

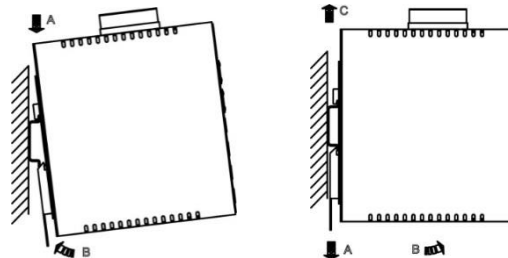


LED	State	Indication
10/100TX or 100FX/BX		
LINK/ACT	Steady	Network connection established
	Flashing	Transmitting or receiving data
100	Steady	Transfer at 100Mbps
	Off	Transfer at 10Mbps

7 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.

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The full product manual can be downloaded from:

www.etherwan.com

