D42-042-91 Industrial GbE PoE Switch
Quick Installation Guide

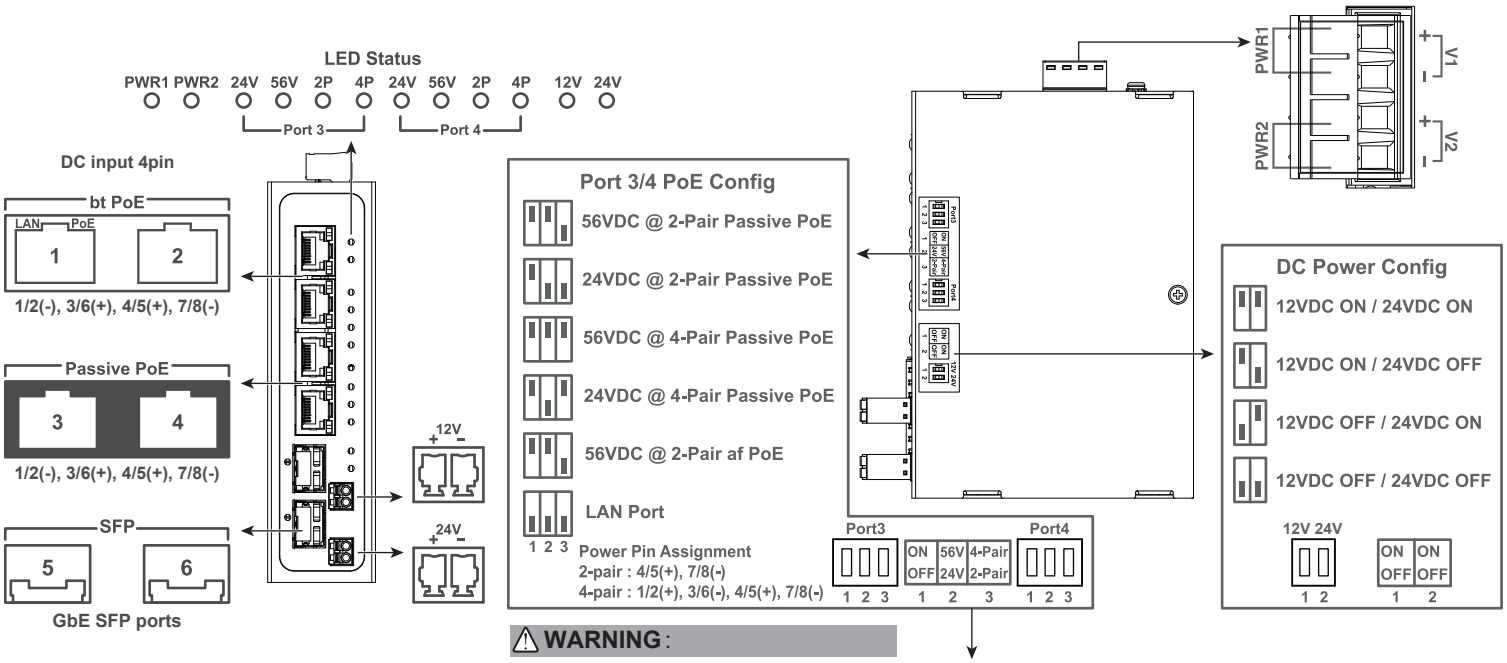
P/N: 5019057600

PACKAGE CONTENTS

* 1x PoE switch	* 1x Quick Installation Guide	* 1x 4pin Terminal Block
* 1x DIN rail bracket		

⚠ IMPORTANT:

1. Install the converter in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the converter are not blocked.
3. Use fiber optic cables and transceiver compliant with the following: Multi-mode: 50/125um, 62.5/125um, 850nm; Single-mode): 9/125um ,1310nm.
4. DC input (52-56VDC). Follow the printed polarity for V+, V-, and Ground.



⚠ WARNING:

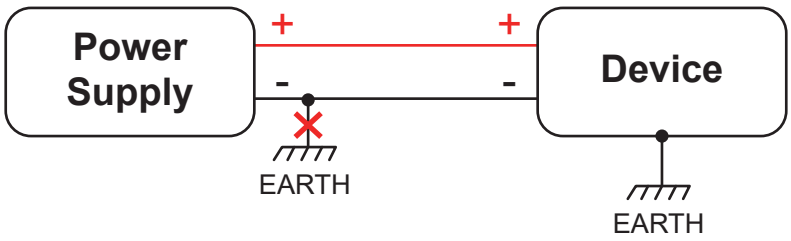
Verify the power requirements of the Powered Devices (PDs) before adjusting the DIP switch or powering ON. Failure to do so may cause permanent damage to the PDs.

LED DEFINITIONS

Power		Orange ON	Power is on and normal.
		Orange OFF	Power is off.
LAN		Green ON	Ethernet port is connected.
		Green OFF	No connection.
		Green blinking	Data is being transmitted or received.
PoE		Orange ON	Port is linked to a powered device.
		Orange OFF	No device is connected.
		Orange blinking	Abnormal power supply is detected.
12VDC		Green ON	12VDC output power is on.
		Green OFF	12VDC output power is off.
24VDC		Green ON	24VDC output power is on.
		Green OFF	24VDC output power is off.
SFP		Green ON	SFP port is connected.
		Green OFF	No connection.
		Green blinking	Data is being transmitted or received.
Port 3 Port 4	2 Pair	Green ON	2-pair (45,78 pin) output power.
		Green OFF	No output power
	4 Pair	Green ON	4-pair (12345678 pin) output power.
		Green OFF	No output power
	24VDC	Green ON	24VDC output power is on.
		Green OFF	No output power.
	56VDC	Green ON	56VDC output power is on.
		Green OFF	No output power.

Ground loops

Do not connect the power supply negative or Battery negative terminal of our device to the chassis or earth exclusively.
This connection could cause ground loops. For example, if the Battery negative and power supply negative terminal are connected to the chassis or earth, it forms a ground loop, therefore unwanted current could flow through a device PCB ground and may cause damage.



⚠ Power on

- Power on: First insert the power terminal of the power cable into the power port of the device, then plug in the power plug and power on. After the Switch is started, the Switch automatically initializes. If all port indicators are on and then off, the system is successfully reset, the power LED indicator will always stay on.
- Power off operation: Unplug the power plug first, and then remove the wiring part of the terminal. Please pay attention to the above operation sequence.

⚠ Warning:

Do not operate the device with input voltage approaching or exceeding 57V DC. Doing so may trigger protective shutdown of PoE and DC outputs.

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