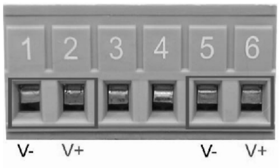
Wiring the Power Inputs

Please follow the steps below to insert the power wire.



Insert the positive and negative wires into the V+ and V- contacts on the terminal block connector.

Tighten the wire-clamp screws for preventing the wires from loosing.

Wiring the Fault Alarm Contact

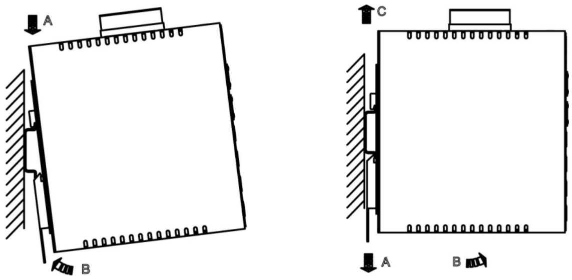
The fault alarm contact is in the middle of terminal block connector as the picture shows below. Inserting the wires, it will detect the fault status including power failure or port link failure (managed industrial switch only) and form an open circuit. An application example for the fault alarm contact is shown as below:

Insert the wires into the fault alarm contact.

Note: The wire gauge for the terminal block should be in the range between 12~ 24 AWG.

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.



Installation Steps

- Unpack the Industrial switch packing.
- Check if the DIN-Rail is screwed on the Industrial switch or not. If the DIN-Rail is not screwed on the Industrial switch, please refer to DIN-Rail Mounting section for DIN-Rail installation. If user want to wall mount the Industrial switch, then please refer to Wall Mount Plate Mounting section for wall mount plate installation.
- To hang the Industrial switch on the DIN-Rail track or wall, please refer to the Mounting Installation section.
- Power on the Industrial switch. Please refer to the Wiring the Power Inputs section for knowing the information about how to wire the power. The power LED on the Industrial switch will light up. Please refer to the LED Indicators section for indication of LED lights.
- Prepare the twisted-pair, straight through Category 5e/above cable for Ethernet connection.
- Insert one side of the RJ-45 cable into the Industrial switch Ethernet port and another side to the network device's Ethernet port, e.g. Switch, PC or Server. The UTP/STP port (RJ-45) LED on the Industrial switch will light up when the cable is connected with the network device. Please refer to the LED Indicators section for LED light indication.
- When all connections are set and LED lights all show in normal, the installation is complete.

Micronet®
Making Communication Easier

Quick Installation Guide

5-port 10/100TX Unmanaged Industrial Switch with 4-port PoE

Model No.: SP6005IP4

Web: www.micronet.com.tw

Introduction

The SP6005IP4 Unmanaged Industrial Switch is a cost-effective solution and meets the high reliability requirements demanded by industrial applications. Besides, the industrial switch provides the PoE function for kinds of Powered Devices to receive power as well as data over the RJ-45 cable.

Package Contents

Before you start installing the device, verify the following items are in the package:

- 5 10/100TX with 4 PoE Industrial Switch
- User manual
- Quick Installation Guide
- Pluggable Terminal Block
- 2 wall mount plates with screws

Compare the contents of the industrial switch with the standard checklist above. If any item is damaged or missing, please contact the local dealer for service.

Physical Description

Physical Dimension

SP6005IP4 Unmanaged Industrial Switch dimension (W x D x H) is 30mm x 95mm x 140mm

Front Panel

The Front Panel of the 5 10/100TX with 4 PoE Unmanaged Industrial Switch is shown as below:

Front Panel of the PoE Industrial Switch

Top View

The top view of the 5 10/100TX with 4 PoE Unmanaged Industrial Switch has one terminal block connector of two DC power inputs.

Top View of the PoE Industrial Switch

LED Indicators

The diagnostic LEDs located on the front panel of the industrial switch provide real-time information of system and optional status. The following table provides the description of the LED status and their meanings for the switch.

LED	Color	Description	
P1	Green	On	Power input 1 is active
		On	Power input 1 is inactive
P2	Green	On	Power input 2 is active
		Off	Power input 2 is inactive
Fault	Red	On	Power input 1 or 2 has failed
		Off	Power input 1 and 2 are both functional, or no power inputs
FWD (1 ~ 4)	Green	On	The port is supplying power to the powered-device
		Off	No powered-device attached or power supplying fails
1 ~ 5 (RJ-45)	Green (Upper LED)	On	Connected to network
		Flashing	Networking is active
		Off	Not connected to network
	Yellow (Lower LED)	On	Full-duplex link
		Flashing	Collision occurs
		Off	Half-duplex link or link down