

UT-6405W

10/100M 5-Port Ethernet Switch

User manual

I. Overview

UT-6405W is a 5-port industrial grade unmanaged Ethernet switch with reverse polarity protection of AC or DC input for avoiding being damaged. It has ingenious appearance design and supports industrial standard DIN-Rail and wall-mounted installation, so it's very easy to be installed and used in any industrial networks.

II. Main features

Standards:

IEEE 802.3 10BaseT
IEEE 802.3u 100BaseT(X) and 100Base FX

Ports:

RJ-45 ports: 5x 10/100BaseT(X) ports, autodetection, auto MDI/MDI-X

LED indicators: PWR, 1~5 RJ-45 ports indicators

Power requirements:

Voltage input: 12/24/48VDC(10.8~52.8VDC)

Power consumption: 100mA@24Vmax

Terminal block: 1x3-pin, pluggable

Overload protection: Yes

Reverse polarity protection: Yes

Characteristics:

IP rating: IP30

Installation: DIN-Rail/wall-mounted

Environment:

Operating temperature: -40°C ~ 85°C

Storage temperature: -40°C ~ 85°C

Relative humidity: 5%~95%(non-condensing)

Industrial standards:

EMI: FCC Part 15 Subpart B class A, EN55022 class A

EMS:

IEC(EN)61000-4-2(ESD)

IEC(EN)61000-4-3(RS)

IEC(EN)61000-4-4(EFT)

IEC(EN)61000-4-5(Surge)

IEC(EN)61000-4-6(CS)

IEC(EN)61000-4-8

IEC 60068-2-27(Shock)

IEC 60068-2-32(Freefall)

IEC 60068-2-6(Vibration)

III. Indicator

- a. PWR: When 12/24/48VDC(10.8~52.8VDC) power supply connected as shown in figure 1, the red power light on the switch operates normally.
- b. RJ-45: When network cable is connected, the green indicator on the left is on when connected with 100Base, it will not be on when connected with 10Base network; the yellow indicator on the right is network indication, it will flicker when internet access; the yellow and green indicator will not be on if without internet access

IV. Power supply connection

UT-6405W series industrial grade Ethernet switch supports 12/24/48VDC(10.8~52.8VDC) input, and the reverse polarity protection enables it from damage.

1. Connect the positive/negative polarity to V+ and V- terminals respectively
2. Tighten the screws to avoid loose connection and bad contact.

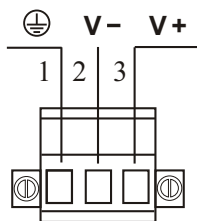
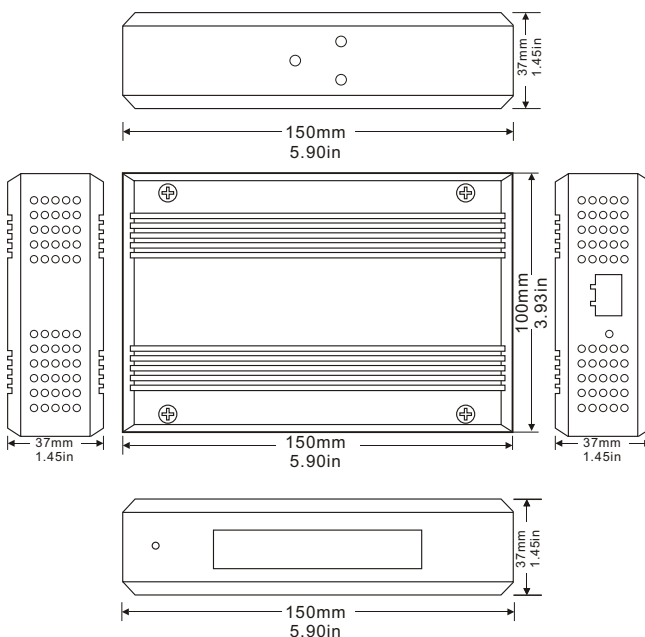


Figure 1 Power input terminal

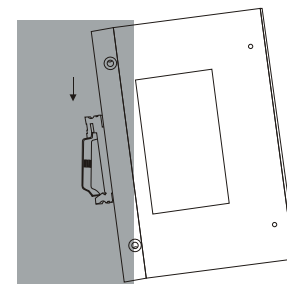
V. Dimension



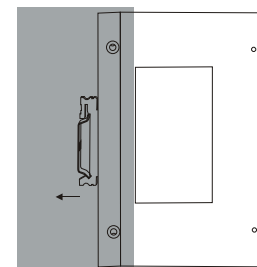
VI. Installation

1. DIN-Rail

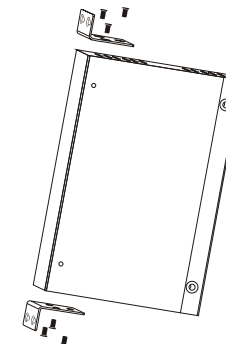
- ① Tighten the rail to machine by screws.
- ② Push the top side of UT-6405W rail seat into the fixed rail.



- ③ Then push it into the rail slightly again



2. Wall-mounted



- ① Tighten the metal fixation strip by screws as shown in the above figure.
- ② Then hang the machine with locked metal strip onto wall or machine cabinet.