



UT-6405

5口百兆非网管型以太网交换机

说明书

一、概述

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二、主要特性

标准:

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-TX

接口:

RJ45 5 10/100Base-T X

MDI/MDI-X

LED指示灯:

PWR 1 5 RJ-45

电源需求:

12/24/48VDC(10.8~52.8VDC)

: 50mA@24Vmax

1 3

交换性能:

转发速率: 148810pps

MAC 2K

768Kb

1G

机械特性:

IP40

W x H x D 150mm x 37mm x 100mm

工作环境:

-40 75

-40 85

0 95% ()

行业标准:

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)

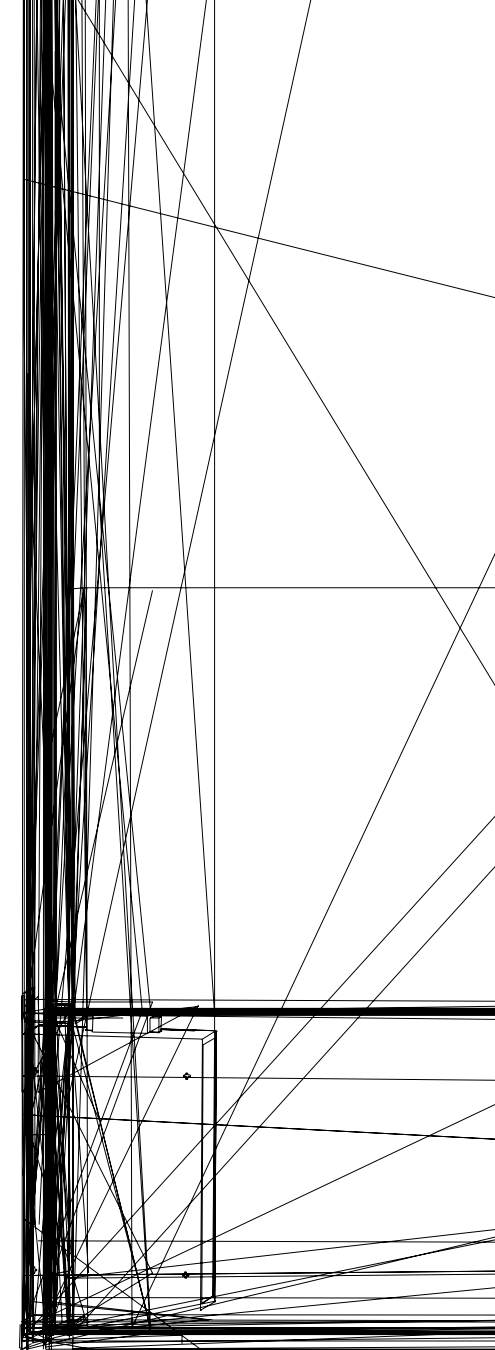
IEC(EN)61000-4-8

三、指示灯

a. PWR	1	PWR	12/24/48VDC(10.8~52.8VDC)	1
b. RJ-45			100 Base	
10 Base				
UT-6405			12/24/48VDC(10.8~52.8VDC)	
1.		V+ V-		
2.		DC		

图1 电源输入接口

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UT-6405

5-Port 100M Unmanaged Ethernet Switch User Manual

I. Overview

UT-6405 is a 5-port 100M unmanaged ethernet switch with reverse polarity protection of 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

Standard:

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-TX

Interface:

245 port: 5 10/100Base-T(X) ports, auto detection,

full/half-duplex, auto MDI/MDI-X

LED indication:

PWR indicator and RJ-45 indicators for port 1-5

Power Supply:

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

Power consumption: 50mA@24Vmax

One pluggable 3-pin terminal block

Overload protection: Yes

Polarity protection: Yes

Switching Performance

Forwarding rate: 148810pps

Transmission mode: store-and-forward

MAC address size: 2K

Buffer size: 768Kb

Switching bandwidth: 1G

Mechanical Property:

IP Ingress: IP40

Method of installation: DIN-Rail/wall-mounted

Dimension (W×H×D): 150mm×37mm×100mm

Working Environment:

Working temperature: -40 ~ 75

Storage temperature: -40 ~ 85

Relative humidity: 0%~95% (no condensation)

Industry Standard:

EMC: FCC Part 15 Subpart B class A EN55022 class A

ESD:

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 61000-4-7

IEC/EN 61000-4-8(Shock)

IEC/EN 61000-4-11(Generally)

IEC/EN 61000-4-12(Immunity)

III. Indication Light

a. PWR: DC12/24/48VDC(10.8~52.8VDC) power supply connected as shown in figure 1 and the power indication light PWR will light, the switch operates normally.

B. RJ-45: After network cable is connected the left green light will light for 100Base network and not light for 10Base network. The right yellow indication light is network link indication light and it will light when the network cable is connected and switch operates normally. Both yellow and green lights will not light if the network cable is not connected.

IV. Power supply connection

UT-6405 Ethernet switch supports DC 12/24/48VDC(10.8~52.8VDC) power supply inputs, and the model equips with reverse polarity protection for avoiding being damaged.

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 supply input terminal

V. Dimension



VI. Installation

1. DIN Rail

- ① Push the top of the device rail to fixed rail.

- ② Then push it into the rail slightly again

2. Wall-mounted

- ① Tighten the metal fixation strip with accompanied screws as shown in the above figure.

- ② Then hang the machine with locked metal strip onto wall or machine cabinet.