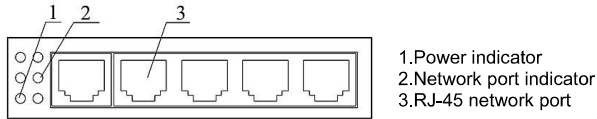


GMTCNT G-6405S 5 Port 100M Unmanaged Ethernet Switch User Manual

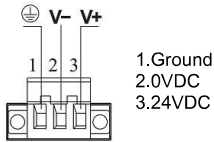


- DC Reverse polarity protection
- IEEE 802.3 10 Base-T
- IEEE 802.3u 100 Base-TX
- DIN-Ray Installation
- 12-48VDC Power range

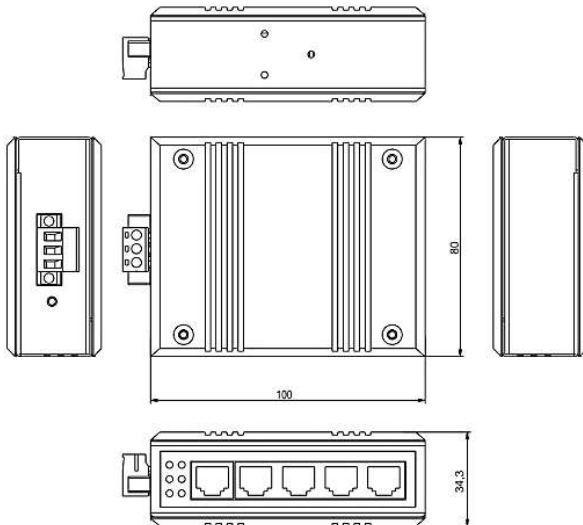
G-6405S Panel Description



Power input port (3 Pin Socket)



Dimension (mm)



G-6405S Hardware Specification

Standards

IEEE 802.3 10 Base-T
IEEE 802.3u 100 Base-TX

Ports

RJ-45 ports: 5x10/100 Base-TX ports,
Led indicator: PWR, RJ-45 ports 1~5

Power Requirement

Voltage input: 12/24/48VDC
Power consumption: 50mA @24VDC max.
Overload protection: Yes
Reverse polarity protection: Yes

Switching Performance

Forwarding rate: 148810pps
Transmission mode: store and forward
MAC address size: 2K
Buffer size: 768Kb
Switching bandwidth: 1G

Mechanical Characteristics

IP rating: IP40
DIN-Rail installation
Size: (W*H*D) 100mm * 80mm * 34.5mm

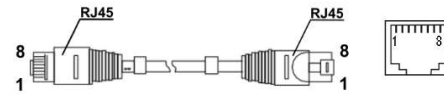
Standards

EMI: EN55022 A class
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)

Port Definition

10/100Base-T(X) Ethernet port

This switch 10/100Base-T(X) ports support auto MDI/MDI-X. User can build the connection between RJ45 port of switch and other Ethernet terminal devices via cable (direct or cross connection) RJ45 pin assignment is as below.



RJ45 ports support auto MDI/MDI-X, it can be connected with PCs, servers other switches or hubs by MDI. When use MDI connection, relative pin 1, 2, 3, 6 to be connected directly. For MDI-X port of switch or hub, itadopts cross connection: 1->3, 2->6, 3->1, 6->2.

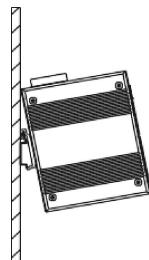
10/100Base-T(X) MDI/MDI-X pin assignment is as below:

Pin no	MDI signal	MDI-X signal
1	TX+	RX+
2	TX-	RX-
3	RX+	TX+
6	RX-	TX-
4,5,7,8	-	-

Led indicator

LED	Status	Description
PWR	Green light on	Power normal
	Green light off	Power failure or without power
1~5 Network Light	Green light on	Establish 100M transmission rate link
	Green light blinking	The link communicatesat 100M transmissionrate
	Green light off	No link connection or breakdown

Installation



! Attention

To prevent device damage and personal injury due to improper use, please follow the steps below;

- Tilt the Ethernet switch upwards and place it on the DIN rail.
- Press down on the rail until it fits completely onto the rail.
- Then press the front view towards the rail and stretch the mounting piece to ensure the rail's properties.
- Make sure that the device fits onto the DIN rail completely.

Power input

Plug the power wire into the right position of 3-pin terminal block, then plug the terminal block into standard power input port (power is V+, V- input, supports V+, V- power voltage range 12/24/48VDC).

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