

IGS-150B

Industrial 5-port mini type unmanaged Gigabit Ethernet switch with 5x10/100/1000Base-T(X)

Features

- Support auto-negotiation and auto-MDI/MDI-X
- Supports Jumbo Frame up to 9.6 K Bytes
- Support store and forward transmission
- Support flow control
- Rigid IP-30 housing design
- DIN-Rail and wall mounting enabled





Introduction

IGS-150B is a mini type unmanaged full gigabit Ethernet switch with 5 x 10/100/1000Base-T(X) ports. IGS-150B supports redundant power input and rigid mini size IP-30 housing. In addition, the wide operating temperature range from -40°C to 70°C can satisfy most of operating environment.

Practical Operation

IGS-150B can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, there are two different power inputs at terminal block to avoid interruption caused by power down. When the primary DC power input fails, the backup power input will take over immediately to guarantee a non-stop operation.



Connections of Ethernet devices

Dimension

Dimension (Unit =mm)



Specifications

| ORing Switch Model | IGS-150B |
|---|--|
| Physical Ports | |
| 10/100/1000Base-T(X) Ports in RJ45 Auto MDI/MDIX | 5 |
| Technology | |
| Ethernet Standards | IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3ab for 1000Base-T IEEE 802.3x for Flow control |
| MAC Table | 4096 MAC addresses |
| Processing | Store-and-Forward |
| LED Indicators | |
| Power indicator | Green : Power LED x 2 |
| 10/100/1000Base-T(X) RJ45 port indicator | Up Green LED for Link/Act indicator Down dual color LED for speed indicator : Green : 1000Mbps Amber : 100Mbps Off : 10Mbps |
| Power | |
| Redundant Input power | Dual DC inputs. 12 ~ 48VDC on 4-pin terminal block. |
| Power consumption (Typ.) | 3.2 Watts Max. |
| Overload current protection | Present |

| Reverse polarity protection | Present |
|-----------------------------|--|
| Physical Characteristic | |
| Enclosure | IP-30 |
| Dimension (W x D x H) | 26.1 (W) x 70 (D) x 95(H) mm (1.03 x 2.76 x 3.74 inch) |
| Weight (g) | 222 g |
| Environmental | |
| Storage Temperature | -40 to 85°C (-40 to 185°F) |
| Operating Temperature | -40 to 70°C (-40 to 158°F) |
| Operating Humidity | 5% to 95% Non-condensing |
| Regulatory approvals | |
| EMI | FCC Part 15, CISPR (EN55022) class A |
| EMS | EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11 |
| Shock | IEC60068-2-27 |
| Free Fall | IEC60068-2-32 |
| Vibration | IEC60068-2-6 |
| Safety | EN60950-1 |
| Warranty | 5 years |

Ordering Information



Packing List

- IGS-150B x 1
- Quick Installation Guide x 1

Din-Rail Kit x 1

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Wall-Mount Kit x 1

Optional Accessories

- DR-45 series : 45 Watts DIN-Rail power supply
- DR-120 series : 120 Watts DIN-Rail power supply
- DR-75 series : 75 Watts DIN-Rail power supply

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