

BSD-IGS-0005T Series

5-port Unmanaged 5 10/100/1000Base-T(X) Industrial Switch

Features



- nSupport 5 10/100/1000Base-T(X) Ethernet port.
- nSupport IEEE802.3, IEEE802.3u, IEEE802.3x.
- nPlug-and-play, 10/100/1000Base-T(X), full/half duplex, MDI/MDI-X auto-adaptation.
- nIndustrial chip design, 15kV ESD protection, 8kV surge protection.
- nDC10-58V redundancy power, reverse polarity protection.
- nIndustrial grade 4 design, -40-85° C operating temperature.
- nIP40 rated aluminum alloy housing, DIN-Rail mounted.

Introduction

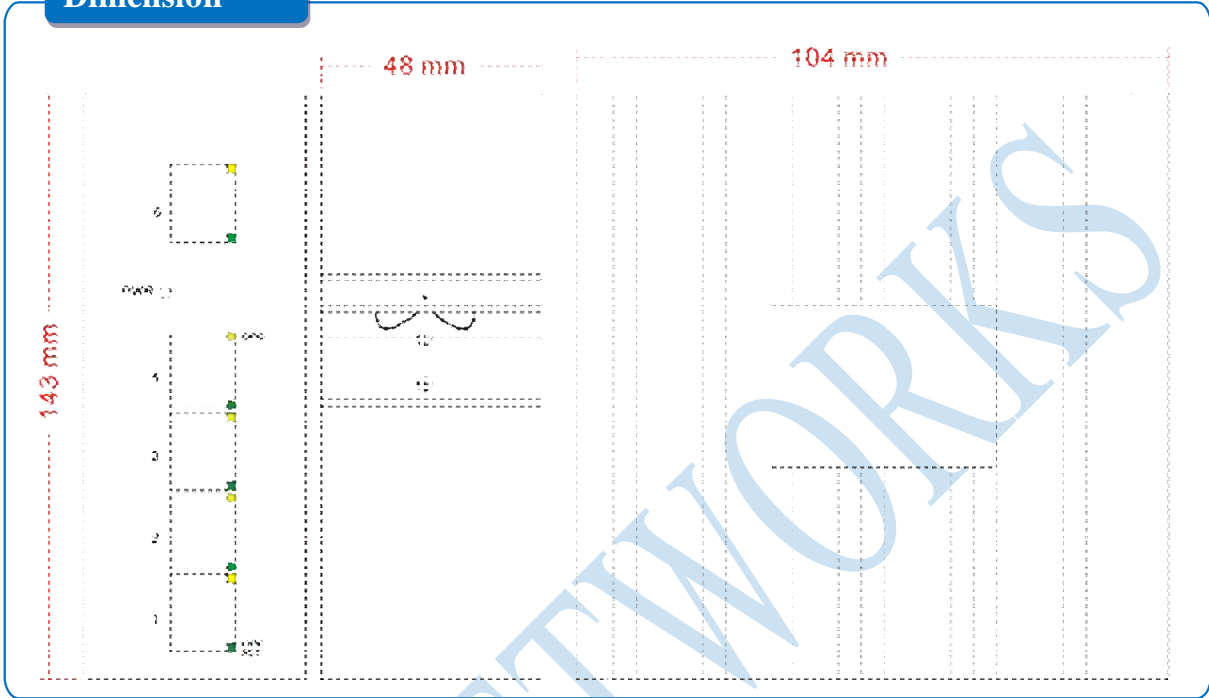
BSD-IGS-0005T is a plug-and-play unmanaged industrial Ethernet switch, which can provide economical solution for your Ethernet. Its dust-proof fully sealed structure(IP40 protection grade), over-current, over-voltage and EMC protected, redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

BSD-IGS-0005T support 5 10/100/1000Base-T(X) Ethernet port. It support CE, FCC, RoHS standard, rugged high-strength metal case, power input (DC10-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100/1000Base-T(X), full/half-duplex, and MDI/MDI-X auto-adaptation, the -40-85°C operating temperature can meet all kinds of industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

Specification

Protocol Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
Flow Control	IEEE802.3x flow control, back press flow control
Switching Performance	Forwarding Rate: 7.44Mpps Transmission Mode: Store and Forward Packet Buffer Size: 1M System Exchange Bandwidth: 10Gbps MAC Table Size: 8K Delay Time: < 4μs
Ethernet Port	10/100/1000Base-T(X) auto speed control, full/half duplex and MDI/MDI-X auto-adaptation
LED Indicator	Power Indicator: P1, P2 Port Indicator: LINK / ACT
Power Supply	Input Voltage: DC10-58V Connector: 6 bit 5.08mm removable terminal block Full Load: <4W Protection Mechanism: overload protection, reverse connection protection, redundancy protection
Mechanical Structure	Shell: IP40 protection, aluminum alloy housing Dimension: 143*104*48mm(L*W*H) Weight: 500g Installation: DIN-Rail mounting, wall mounting
Operating Environment	Operating Temperature: -40-85°C Storage Temperature: -40-85°C Ambient Relative Humidity: 5%-95% (non-condensing)
Industry Standards	EMI:FCC Part 15 Subpart B Class A, EN 55022 Class A EMS:EN61000-4-2 (ESD), Level 4 at 15kV(Air), 8kV(Contact) EN61000-4-3 (R/S), Level 3 at 10V/m EN61000-4-4 (EFT), Level 4 at 4kV(Power Port), 2kV(Date Port) EN61000-4-5 (Surge), Level 4 at 4kV EN61000-4-6 (CS), Level 3 at 10V/m EN61000-4-8, Level 5 at 100A/m Shock:IEC 60068-2-27 Free Fall:IEC 60068-2-32 Vibration:IEC 60068-2-6
Certification	CE, FCC, RoHS
MTBF	>100,000 Hours
Warranty	5-years

Dimension



Order Information

Model No.	Description of Goods
BSD-IGS-0005T	Unmanaged Industrial Ethernet Switch, 5 10/100/1000Base-T(X), DIN-Rail, DC10-58V, -40-85° C Operating Temperature
Power Supply: DC24V DIN-Rail Power Supply or Power Adapter is Optional.	