



PFN-9008

- Rigid Aluminum Case
- Broadcast Storm Control
- 10 to 70 °C Operating Temperature
- DIN-Rail Kit
- Link Lose Forwarding Technology

Industrial 8-port Redundant Giga Switch

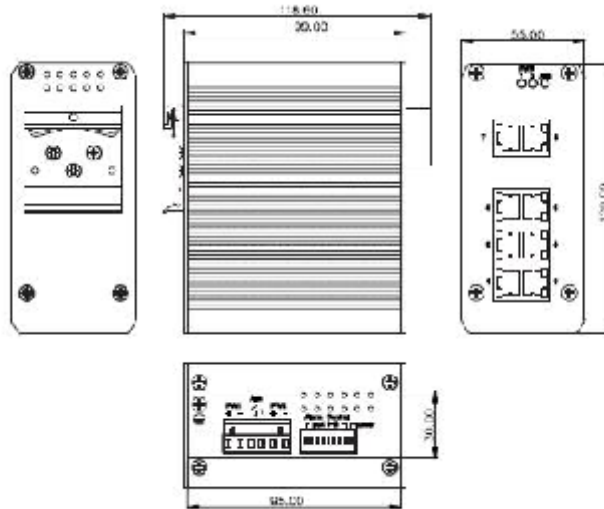
Introduction

PFN-9008 is 8-port Industrial Giga Switch that is designed for a demanding network environment, Ethernet connection and the built-in smart alarm function. This product has a wide operating temperature and a high degree of vibration and shock. It provides IP31 aluminum case, DIN-rail kit and redundant power inputs.

Redundant Power Inputs

PFN-9008 provides two power inputs that can be connected simultaneously to live DC power source. If one of the power input fails, the other live source acts as a backup to automatically support the PFN-9008's power needs.

Dimensions (unit=mm)



Specifications

| | |
|-----------------------------|--|
| Standards | IEEE 802.3 10Base-T, IEEE 802.3u100Base-TX IEEE 802.3ab 1000Base-T IEEE 802.3x Flow Control & Back Pressure |
| Packet Buffer Memory | 192Kb |
| Processing Type | Store and Forward |
| MAC Address | 4K |

| | |
|------------------------------------|---|
| Jumbo Frame | 9Kbytes |
| Flow Control | IEEE802.3x flow control, back pressure flow control |
| Filtering/Forwarding Rates | 1000Mbps port – 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps |
| Transmission Media | 10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseTX Cat.5e UTP/STP |
| RJ45 Ports | 8 10/100/1000 BaseT(X) auto-negotiation speed, F/H-Duplex mode, and auto-MDI/MDI-X connection |
| LED Indicators | Power, Faults, 1000M and Link/Act |
| DIP Switch | Port break alarm |
| Alarm Contact | One relay output with current carrying capacity of 1A @ 24 VDC |
| Input Voltage | 24VDC (12 to 48 VDC), redundant inputs |
| Connection | Removable 6-pin Terminal Block |
| Power Consumption | 8 Watts |
| Reverse Polarity Protection | Present |
| Casing | IP31 protection, metal case |
| Dimensions | 55 x 120 x 108 mm (W x H x D) |
| Weight | 0.556 kg |
| Installation | DIN-Rail, Wall-mounting, Desktop |
| Operating Temperature | -10 to 70 |
| Storage Temperature | -30 to 80 |
| Humidity | 0 to 95% RH (non-condensing) |
| Safety | UL, CUL, CE, EN60950-1 |
| EMI | FCC Class A Part 15 |
| EMS | EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), Level 3, EN61000-4-6 (CS), Level 3 |
| Shock | IEC60068-2-27 |
| Free Fall | IEC60068-2-32 |
| Vibration | IEC60068-2-6 |