



PFN-9005

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

Industrial 5-port Redundant Giga Switch

Introduction

PFN-9005 is 5-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-9005 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 EY-9005's power needs.

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	5 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	0.525 kg
Installation	DIN-Rail, Wall-mounting, Desktop
Operating Temperature	-10 to 70
Storage Temperature	-40 to 85
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