



PFN-9054

- * 4 10/100/1000BaseT + 1 Gigabit SFP
- * IEEE 802.3at POE+, up to 30W per port
- * Power failure, port break alarm by relay output
- * Redundant DC power inputs
- * Operating temperature from -20 to 70°C
- * IP 31, Rigid Aluminum Case
- * DIN-Rail/Wall-mounting Installation
- * Dimension(H*W*D): 120*55*108mm

Industrial 5-port Gigabit PoE Fiber Switch, 4xPoE+, 1G SFP

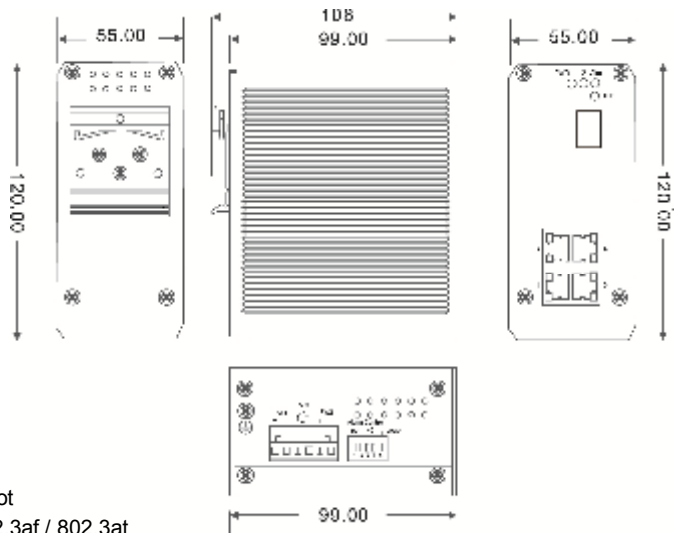
Introduction

PFN-9054 is an Industrial 5-port Gigabit PoE Switch, the switch equips with 4-port 10/100/1000M RJ45 PoE and 1-port Gigabit SFP open slot. The 4 PoE ports is IEEE 802.3at compliant which supports up to 30W per port. The switch has dual redundant power input and the built-in smart alarm function when power failure or port break. The switch has a wide operating temperature, IP31 aluminum case, DIN-rail and wall-mounting installation kit.

Redundant Power Inputs

PFN-9054 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-9054's power needs.

Dimensions (unit=mm)



Features

- Network Switching Technology
- * 4-port PoE+ 10/100/1000BaseT + 1-port Gigabit SFP open slot
- * Support IEEE 802.3 / 802.3u / 802.3x / 802.3ab / 802.3z / 802.3af / 802.3at
- * 10/100/1000M, Full/Half-Duplex, MDI/MDI-X auto-sensing

Industrial Reliability

- * Power failure, port break alarm by relay output
- * Redundant DC power inputs

Rigid Design

- * Operating temperature from -20 to 70°C
- * Storage temperature from -30 to 80°C
- * IP 31, rigid Aluminum alloy case
- * DIN-Rail / Wall-mounting

Specifications

Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3af/at
Frame Buffer Memory	1Mb
Processing Type	Store and Forward
MAC Address	2K
Jumbo Frame	9Kbytes
Flow Control	IEEE802.3x flow control, back pressure flow control
Features	Quality of Service (QoS) for packet forwarding precedence
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, up to 100 m 100BaseTX Cat. 5 UTP/STP, up to 100 m 1000BaseT Cat. 5E UTP/STP, up to 100 m SFP Open Slot: 62.5/125µm Multi Mode Fiber optic cable, up to 220 m 50/125µm Multi Mode Fiber optic cable, up to 550 m 9/125µm Single Mode Fiber optic cable
10/100/1000 RJ45 / Fiber Ports	4 x 10/100/1000 BaseT auto-negotiation speed, F/H-Duplex mode, and auto-MDI/MDI-X connection / 1-port Gigabit SFP open slot
LED Indicators	PW1, PW2, ALARM, 1000M and Link/Act
DIP Switch	Port break alarm: normal open, Default setting disabled
Alarm Contact	One relay output with current carrying capacity of 1A @ 24 VDC
Input Voltage	48VDC, redundant inputs
PoE Output	IEEE802.3at (IEEE802.3af compatible); up to 30W per port, max. 120W per system
Connection	Removable 6-pin Terminal Block
System Consumption	Max. 125 Watts
Reverse Polarity Protection	Present
Casing	IP31, Aluminum Alloy case
Dimensions	55 x 120 x 108 mm (W x H x D)
Power Delivery Pairs	1,2,3,6 ; 2, 4 port 4,5,7,8 ; 1, 3 port
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Weight	0.7 kg
Installation	DIN-Rail, Wall-mounting
Operating Temperature	-20 to 70°C
Storage Temperature	-30 to 80°C
Humidity	0 to 95% RH (non-condensing)
EMI	EN55022 Class B, FCC Part 15 Class B
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge) EN61000-4-6 (CS)
RoHS	IEEE 2002/95/EC