



SECON SEY-7984PS

- \* Rigid Aluminum Case
- \* Broadcast Storm Control
- \* -10 to 70 °C Operating Temperature
- \* DIN-Rail Kit
- \* Link Lose Forwarding Technology
- \* Compliant 802.3af POE

## Industrial 8-port Redundant Fast Ethernet Switch with 4-port 802.3af POE

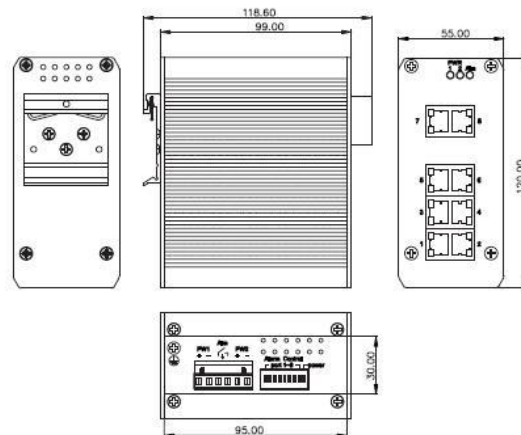
### Introduction

SEY-7984PS is 8-port Industrial Fast Ethernet Switch with 4-port 802.3af POE 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

SEY-7984PS 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 SEY-7984PS's power needs.

### Dimensions (unit=mm)



### Features

- ◎ Network Switching Technology
  - \* 8 10/100BaseT(X) (RJ45) ports
  - \* Support IEEE 802.3 / 802.3u / 802.3x
  - \* 10/100M, Full/Half-Duplex, MDI/MDI-X auto-sensing
  - \* Built-in link lose forwarding technology
  - \* Non-blocking switching performance
- ◎ Industrial Reliability
  - \* Power failure, port break alarm by relay output
  - \* 20 ~ 36VDC power inputs
- ◎ POE Design
  - \* IEEE 802.3af Power over Ethernet (POE) for 4 port 10/100BASE-TX ports
  - \* Supports POE Powered Source Equipment (PSE)
- ◎ Rigid Design
  - \* Operating temperature from -10 to 70°C
  - \* Storage temperature from -20 to 80°C
  - \* IP 31, rigid metal case
  - \* DIN-Rail / Wall-mounting / Desktop Installation

## Specifications

<b>Standards</b>	IEEE802.3, 802.3u, 802.3x, 802.3af
<b>Packet Buffer Memory</b>	768Kb
<b>Processing Type</b>	Store and Forward
<b>MAC Address</b>	2K
<b>Flow Control</b>	IEEE802.3x flow control, back pressure flow control
<b>Filtering/Forwarding Rates</b>	100Mbps port - 148,800pps 10Mbps port - 14,880pps
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
<b>RJ45 Ports</b>	8 10/100BaseT(X) auto-negotiation speed, F/H-Duplex mode, and auto-MDI/MDI-X connection
<b>LED Indicators</b>	Power, Faults, 10/100M, Link/Act, and POE
<b>DIP Switch</b>	Port break alarm
<b>Alarm Contact</b>	One relay output with current carrying capacity of 1A @ 24 VDC
<b>Input Voltage</b>	20 ~36 VDC
<b>Output Voltage</b>	48 VDC
<b>Connection</b>	Removable 9-pin Terminal Block
<b>Power Consumption</b>	6 Watts
<b>Reverse Polarity Protection</b>	Present
<b>Casing</b>	IP31 protection, metal case
<b>Dimensions</b>	55 x 120 x 108 mm (W x H x D)
<b>Weight</b>	0.565 kg
<b>Installation</b>	DIN-Rail, Wall-mounting, Desktop
<b>Operating Temperature</b>	-10 to 70°C
<b>Storage Temperature</b>	-20 to 80°C
<b>Humidity</b>	0 to 95% RH (non-condensing)
<b>Safety</b>	UL, CUL, CE, EN60950
<b>EMI</b>	FCC Part 15
<b>EMS</b>	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), Level 3, EN61000-4-6 (CS), Level 3
<b>Shock</b>	IEC60068-2-27
<b>Free Fall</b>	IEC60068-2-32
<b>Vibration</b>	IEC60068-2-6