

100M 8-Port Unmanaged Ethernet Switch, Model IES S 104-4F, 106-2F, 107-1F

Features



- Supports up to 8 no's 100Mbps ports
- Supports Full-duplex or Half-duplex, Auto negotiation
- Auto 10/100Mbps
- Supports Crossing-identification
- Built-in store-and-forward, 2k buffer
- Compatible with Telecom standards, MTBF>500,000 hours
- SC connector (with optional ST/FC)
- Power Fail Relay output alarm function

Overview

IES S 10XX series are Unmanaged 8 Port 10/100 Industrial Ethernet switches. It supports up to 4 no's 100F(X) Fiber ports and up to 8 no's 10/100 RJ-45 ports. This enhances the networking flexibility. This switch is low power consumption; the fanless design prevents it from noise interference; the operating temperature range is from -40°C to 85°C. These features make it provide safe and reliable solution for industrial automation, intelligent transportation, video monitoring, and other industrial application networking.

Specification

Standards

IEEE 802.3

IEEE 802.3u

IEEE802.3x Flow control for Full Duplex & Back pressure flow control for Half Duplex

Ports

Fiber port : 100Base-F(X) (SC/FC/ST)

RJ45 port : 10/100Base-T(X), Auto MDI/MDI-X

Transmission distance

Cat.5e : 100m

Single-mode : 1,310nm (20/40/60Km)

: 1,550nm (20/40/60/80/100/120Km)

Multi-mode : 1,310nm (2Km)

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Phone : +91-20-27293455, 9764027070, 8390069393 Connecting. Converting. Leading !
email : info@santelequip.com

Switching Performance

Forwarding rate : 148,810 pps
Transmission mode : Store-and-forward
MAC Address buffer : 8K
Switching bandwidth : 1.6G

Power Requirement

Voltage input : 12V/24V/48V DC (10.8 to 52.8VDC) OR
: 110/220VAC (88~264VAC) 50-60Hz or 110V/220VDC (88~264VAC)
: Dual Input
Power Consumption : Full load : <10W

Relay : 1A@24V DC

Mechanical Characteristics

IP rating : IP40
Installation : DIN-Rail/ Wall-mounted

Dimension

Size (W×D×H) : 47.6mm×100mm×150mm
Weight : 820 gms

Environment

Operating temperature : -40°C to 85°C
Storage temperature : -40°C to 85°C
Relative humidity : 0% to 95% (non-condensing)

Industrial Standards tested for

EMI : FCC Part 15, CISPR (EN55022) class A

EMS :

IEC (EN) 61000-4-2(ESD)
IEC (EN) 61000-4-3(RS)
IEC (EN) 61000-4-4(EFT)
IEC (EN) 61000-4-5(Surge)
IEC (EN) 61000-4-6(CS)
IEC 60068-2-27(Shock)
IEC 60068-2-32(Freefall)

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Ordering Model Code: IES S 10*-*F-XX00-YY-Z-R

Model	10/100Base T Ports	100Base FX Ports
IES S 106-2F-XX00-YY-Z	6	2
IES S 107-1F-XX00-YY-Z	7	1
IES S 104-4F-XX00-YY-Z	4	4

- XX : Fiber type**
: MM for Multimode, SM for Single mode. Single mode is by default
- 00 : Fiber distance. 20Km by default**
- YY : Fiber Connector**
: SC for SC Connector, ST for ST Connector, FC for FC Connector
- Z : Input Supply**
: DC for 12V/24V/48V DC (10.8V to 52.8V) (Default)
: AC for 110 to 220V AC/DC
- R : Dual Power Supply. Default : Single Input**

Dimension

