IES-1080A

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Industrial 8-port Slim type Unmanaged Ethernet Switch with 8x10/100Base-T(X)

Features

- Support 8 ports 10/100Base-T(X)
- Support auto-negotiation and auto-MDI/MID-X
- Support Store and forward transmission
- Support flow control
- Provide Relay output
- Compact size for easily installation
- Rigid IP-30 housing design
- DIN-rail and wall mounting enable
- IEC/UL60950-1



Slim Type | Redundant PWR | -40~75°C Temperature | ROHS | CE | FC

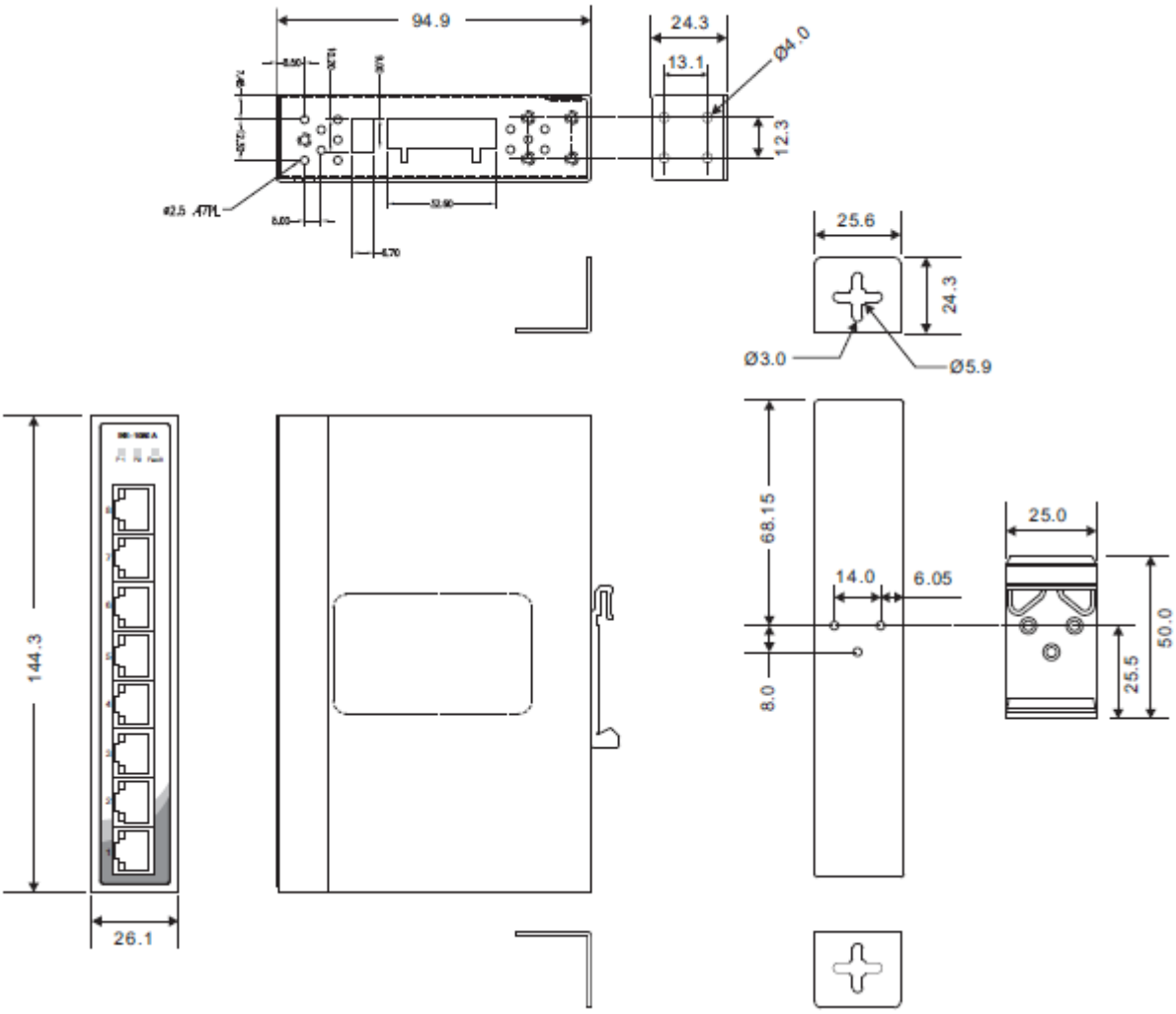
Introduction

IES-1080A is unmanaged Ethernet Switch with 8x10/100Base-T(X) ports and extended operating temperature range from -40℃ to 75℃ for the harsh environments. The enclosure designed with compact size and a robust housing; it can help you to easily installed.

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Dimensions

Unit =mm (Tolerance ±0.5mm)



Specifications

ORing Switch Model	IES-1080A
Physical Ports	
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	8
Technology	
Ethernet Standards	IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX IEEE 802.3x for Flow control
MAC Table	1K
Packet buffer	448K Bits
Processing	Store-and-Forward
Switch Properties	Switching latency: 7 us Switching bandwidth: 1.6Gbps Throughput (packet per second): 1.19Mpps@64Bytes packet
LED indicators	
Power Indicator (PWR)	Green: Power LED x 2
Fault Indicator	Amber: Indicate PWR1 or PWR2 failure
10/100Base-T(X) RJ45 Port Indicator	Upper LED for Link/Act indicator: Green for Link/Act Lower LED for duplex indicator, Amber for full duplex, off for half duplex
DIP Switch	
DIP switch 1	Power 1 fail warning: ON for Enable, OFF for disable
DIP switch 2	Power 2 fail warning: ON for Enable, OFF for disable
Fault contact	
Relay	Relay output to carry capacity of 1A at 24VDC
Power	
Redundant Input power	Dual 12~48VDC on 6-pin terminal block
Power consumption (Typ.)	<3.7Watts, 0.23A-0.07A
Overload current protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-30 Metal
Dimension (W x D x H)	26.1 (W) x 94.9 (D) x 144.3 (H)mm 1.03 (W) x 3.74 (D) x 5.68 (H) inch
Weight (g)	391 g
Hardware Version	V2.0
Environmental	
Storage Temperature	-40 to 85°C (-40 to 185°F)
Operating Temperature	-40 to 75°C (-40 to 167°F)
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMC	CE EMC (EN 55024, EN 55032), FCC Part 15 B
EMI	EN 55032, CISPR32, EN 61000-3-2, EN 61000-3-3, FCC Part 15 B class A
EMS	EN 55024 (IEC/EN 61000-4-2 (ESD: Contact 4KV, Air 8KV), IEC/EN 61000-4-3 (RS: 3V),IEC/EN 61000-4-4 (EFT Power 0.5KV, Signal 0.5KV), IEC/EN 61000-4-5 (Surge: Power 0.5KV, Signal 1KV), IEC/EN 61000-4-6 (CS: 3V), IEC/EN 61000-4-8(PFMF), IEC/EN 61000-4-11 (DIP))

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***NOTE: This function is available by request only**

Shock	IEC60068-2-27
Free Fall	IEC60068-2-31
Vibration	IEC60068-2-6
Safety	IEC/ UL60950-1
MTBF	2,439,118hrs
Warranty	5 years

Ordering Information

IES-10A B A

Code Definition	10/100Base-T(X) Port Number	Additional Port Number
Option	**-8:** 8 ports	**-0:** 0 port

Available Model	Model Name	Description
	IES-1080A	Industrial 8-port Slim type unmanaged Ethernet switch with 8x10/100Base-T(X)

Packing List
- IES-1080A x 1
- DIN-Rail Kit x 1
- Wall-mount Kit x 2
- Quick Installation Guide x 1

Optional Accessories
- SDR/DRP Series DIN-Rail power supply

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