

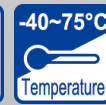
IES-180B



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

Features

- Support 8 ports 10/100 Base-T(X)
- Support auto-negotiation and auto-MDI/MID-X
- Support Store and forward transmission
- Support flow control
- Support Broadcast storm protection
- Compact size for easily installation
- Rigid IP-30 housing design
- DIN-rail and wall mounting enable
- UL 61010-1

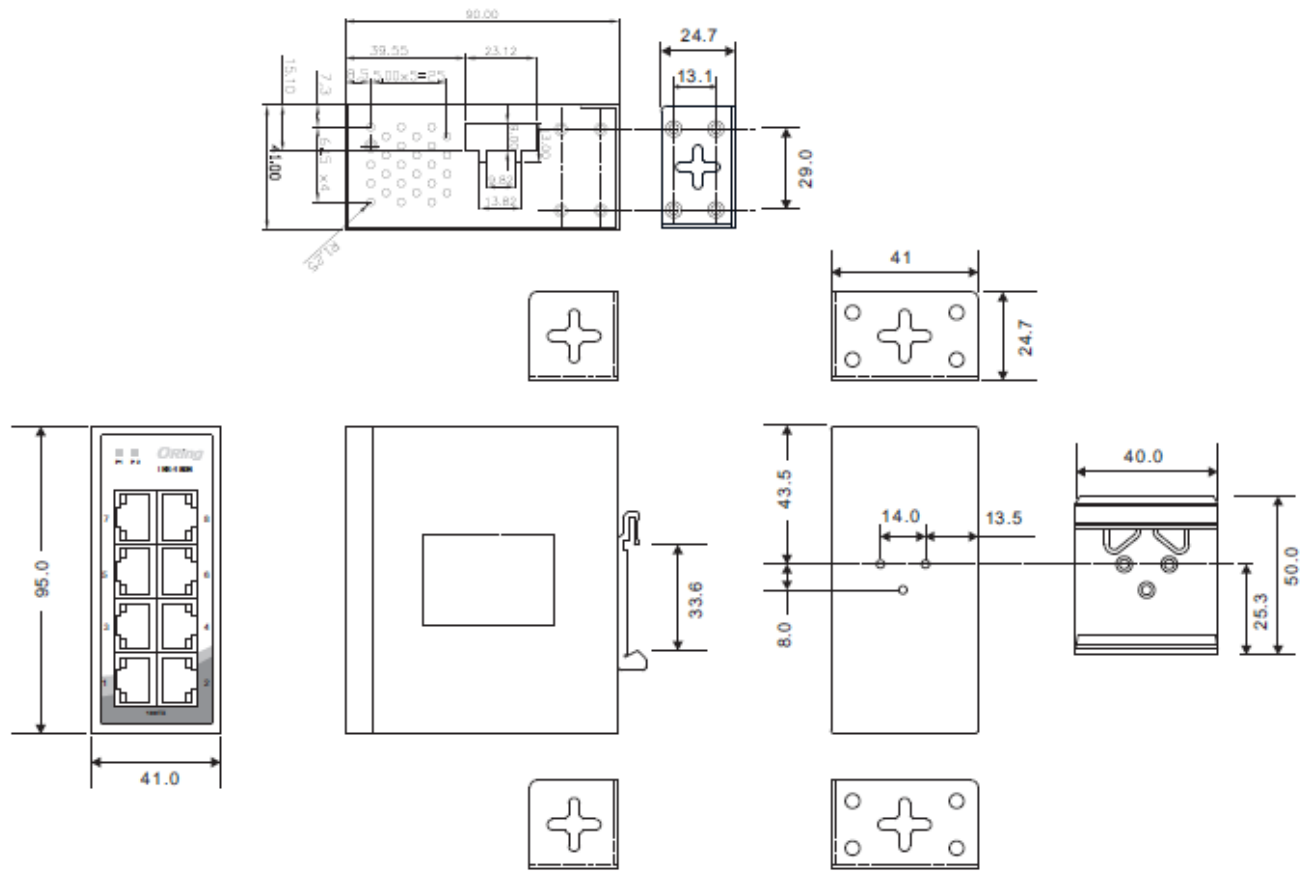


Introduction

IES-180B is unmanaged Ethernet Switch with 8x10/100Base-T(X) ports and extended operating temperature range from -40°C to 75°C for the harsh environments. The enclosure designed with compact size and a robust housing; it can help you to easily installed.

Dimensions

Unit =mm (Tolerance ±0.5mm)



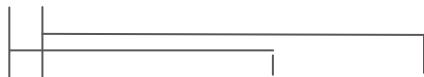
Specifications

ORing Switch Model	IES-180B
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	448Kbits
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
10/100Base-T(X) RJ45 Port Indicator	Green for Link/Act indicator. Lower LED for speed indicator: Amber for 100Mbps, Off-light for 10Mbps
Power	
Redundant Input power	Dual 12~48VDC and 24VAC on 4-pin terminal block

Power consumption (Typ.)	<4Watts, 12-48VDC: 0.33A-0.09A, 24VAC (50/60Hz) 0.14A
Overload current protection	Present
Reverse Polarity Protection	Present
Physical Characteristic	
Enclosure	IP-30 Metal
Dimension (W x D x H)	41 (W) x 90 (D) x 95 (H)mm 1.61 (W) x 3.54 (D) x 3.74 (H) inch
Weight (g)	334 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), EN50121-4 (compliant), 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)
Shock	IEC60068-2-27
Free Fall	IEC60068-2-31
Vibration	IEC60068-2-6
Safety	EN 60950-1 (LVD), UL61010-1
MTBF	1390019hrs
Warranty	5 years

Ordering Information

IES-1A BB



Code Definition	10/100Base-T(X) Port Number	Additional Port Number
Option	- 8 : 8 ports	- 0 : 0 port
Available Model	Model Name	Description
	IES-180B	Industrial 8-port mini type unmanaged Ethernet switch with 8x10/100Base-T(X)
Packing List <ul style="list-style-type: none"> • IES-180B x 1 • DIN-Rail Kit x 1 • Wall-mount Kit x 2 • Quick Installation Guide x 1 		Optional Accessories <ul style="list-style-type: none"> • DR/SDR/DRP Series DIN-Rail power supply • PAE-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC input, EU plug. • PAA-121000, 12VDC/1000mA 12W Power Adapter with universal 100 to 240VAC input, US plug.