IES-1050A/IES-1080A

>> *Industrial Slim Type Unmanaged Ethernet Switch*

▪ Supports 5 or 8 x 10/100BaseT(X) ports

▪ Redundant DC power inputs

▪ Rigid IP-30 housing design

> Features

▪ Dual redundant DC power inputs at terminal block

▪ Support 5 or 8 x 10/100Base-T(X) ports

▪ Very wide operating temperature range from -40 to 70℃

▪ Rigid IP-30 housing design

▪ DIN-Rail and panel mounting enabled

> Introduction

IES-1050A/IES-1080A are unmanaged Ethernet switches with 5 or 8 x 10/100Base-T(X) ports. IES-1050A/IES-1080A support redundant power input, configurable relay output alarm and rigid IP-30 housing. In addition, the wide operating temperature range from -40 to 70℃ can satisfy most of operating environment.
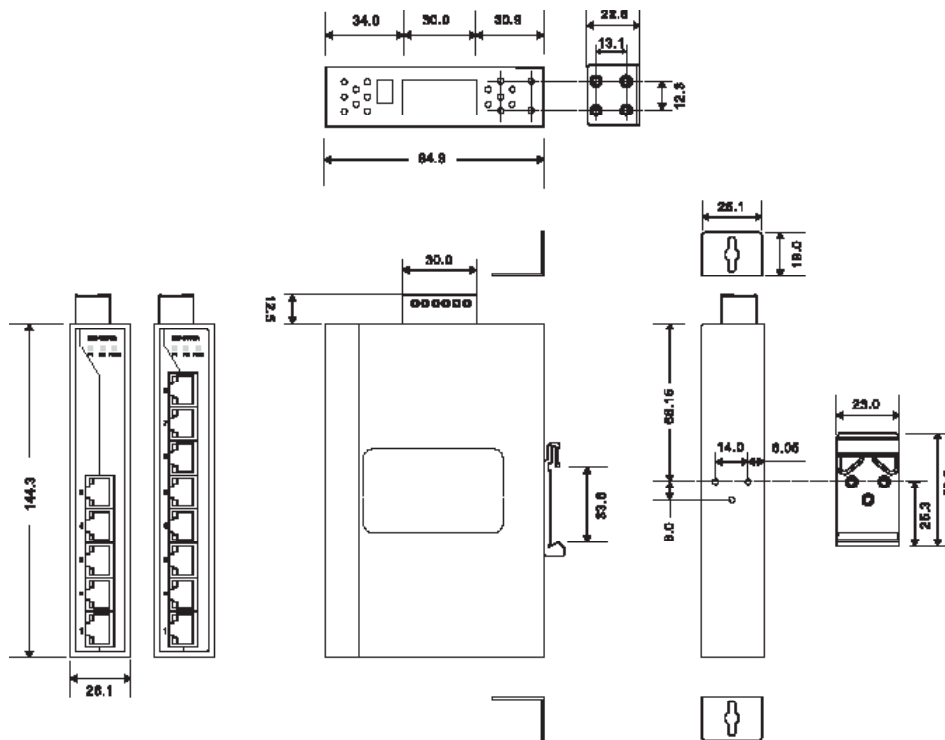
> Practical Operation

IES-1050A/IES-1080A can be used in connecting several Ethernet devices like Ethernet I/O, IP-Camera or other Ethernet switches. In addition, there are two different power inputs at terminal block to avoid interruption caused by power down. When the primary DC power input fails, the backup power input will take over immediately to guarantee a non-stop operation.

Connections of Ethernet devices

> Dimension

(Unit=mm)

> Specifications

ORing Switch Model	IES-1080A	IES-1050A
Physical Ports		
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	8	5
Technology		
Ethernet Standards	IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-T(X) and 100Base-FX, IEEE 802.3x for Flow control	
MAC Table	1024 MAC addresses	
Processing	Store-and-Forward	
LED indicators		
Power indicator	Green : Power LED x 2	
Fault indicator	Yellow : Indicate PWR1 or PWR2 failure	
10/100TX RJ45 port indicator	Green for port Link/Act. Yellow for Duplex/Collision	
Fault contact		
Relay	Relay output to carry capacity of 1A at 24VDC	
Power		
Redundant Input power	Dual DC inputs. 12-48VDC on 6-pin terminal block	
Power consumption (Typ.)	4 Watts	3.5 Watts
Overload current protection	Present	
Reverse polarity protection	Present	

Company Overview

Key Technologies

New Products

Product Selection Guide

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

Industrial Wireless Solution

Industrial Serial Card

USB Server

Accessories

Physical Characteristic		
Enclosure	IP-30	
Dimension (W x D x H)	26(W) x 95(D) x 144.3(H) mm (1.30 x 3.74 x 5.68 inch.)	
Weight (g)	391 g	382 g
Environmental		
Storage Temperature	-40 to 85°C (-40 to 185°F)	
Operating Temperature	-40 to 70°C (-40 to 158°F)	
Operating Humidity	5% to 95% Non-condensing	
Regulatory approvals		
EMI	FCC Part 15, CISPR (EN55022) class A	
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11	
Shock	IEC60068-2-27	
Free Fall	IEC60068-2-32	
Vibration	IEC60068-2-6	
Safety	EN60950	
Warranty	5 years	

> Ordering Information

IES-1 AA B A

Code Definition	10/100TX Port Number	Additional Port Number
Option	**- 08:** 8 ports **- 05:** 5 ports	**- 0:** 0 port

	Model Name	Description
Available Model	IES-1080A	Industrial 8-port Slim type Unmanaged Ethernet Switch with 8x10/100TX
	IES-1050A	Industrial 5-port Slim type Unmanaged Ethernet Switch with 5x10/100TX