

# IES-1041FX / 1042FX

Industrial Slim Type 5-port/6-port Unmanaged Ethernet Switch

## Highlights

- 4 x 10/100Base-T(X) ports
- Support 100Base-FX ports (Multi-mode or Single-mode)
- Redundant DC power inputs
- Rigid IP-30 housing design



## Features

- Dual redundant DC power inputs at terminal block
- Support 4 x 10/100Base-T(X) ports
- Support 100Base-FX ports (Multi-mode or Single-mode)
- Very wide operating temperature range from -40 to 70°C
- Rigid IP-30 housing design
- DIN-Rail and panel mounting enabled

## Introduction

IES-1041FX/1042FX series are unmanaged Ethernet switches with 4 x 10/100Base-T(X) and 100Base-FX ports. IES-1041FX/1042FX series support redundant power input, configurable relay output alarm and rigid IP-30 housing. In addition, the wide operating temperature range from -40 to 70°C can satisfy most of operating environment.

## Practical Operation

IES-1041FX/1042FX series 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

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Industrial Ethernet Switches



Physical Characteristic	
Enclosure	IP-30
Dimension (W x D x H)	33(W) x 95(D) x 144.3(H) mm (1.30 x 3.74 x 5.68 inch.)
Weight (g)	378 g
<b>Environmental</b>	
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
<b>Regulatory approvals</b>	
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
<b>Warranty</b>	5 years

## Ordering Information

**IES-1 AA B CC - DD - EE**

Code Definition	10/100TX Port Number	Additional Port Number	Additional Port Type	Fiber Optical Mode	Fiber Optical Connector
<b>Option</b>	- <b>04</b> : 4 ports	- <b>1</b> : 1 port - <b>2</b> : 2 ports	- <b>FX</b> : 100FX	- <b>MM</b> : Multi-mode - <b>SS</b> : Single-mode	- <b>SC</b> : SC connector

	Model Name	Description
Available Model	IES-1041FX-MM-SC	Industrial 5-port Unmanaged Ethernet Switch with 4x10/100TX & 1x100FX (Multi-mode)
	IES-1041FX-SS-SC	Industrial 5-port Unmanaged Ethernet Switch with 4x10/100TX & 1x100FX (Single-mode)
	IES-1042FX-MM-SC	Industrial 6-port Unmanaged Ethernet Switch with 4x10/100TX & 2x100FX (Multi-mode)
	IES-1042FX-SS-SC	Industrial 6-port Unmanaged Ethernet Switch with 4x10/100TX & 2x100FX (Single-mode)