



# 2-Port 10/100Mbps Industrial Switch with 2 SFP



IES7310-2FE2F-DC



### Key Features:

- Ports:** Provide 2\*10/100Mbps Ethernet ports with 2 100Mbps SFP
- Self-adaption:** RJ45 port supports 10/100Mbps Auto MDI/MDIX
- Industrial Installation:** Din Rail mounting installation
- Wide Application:** Designed for Railway, traffic etc some Industrial environment
- Surge protection:** Protect the device from lighting surges and others electrical hazards
- Working Temperature:** -40 to 85 degrees operating temperature
- Considerate Design:** IP40 Industrial enclosure
- Easy to use:** Plug and play, No configuration required

### Environmentally Hardened Design

With the **IP40** metal industrial case which provides a high level of immunity against electromagnetic interference and heavy electrical surges, Being able to operate under the temperature range from **-40 to 85 degrees C**, the IES7310-2FE2F-DC can be placed in almost any difficult environment.



### Dual Power input for High Availability Network

Featuring a strong dual power input system with wide-ranging voltages (12V~54V DC) incorporated into customer's automation network to enhance system reliability and uptime which make the installation more flexible and convenient.

### Surge Protection Design

provides contact discharge of  $\pm 8KV$  DC and air discharge of  $\pm 15KV$  DC for Ethernet ESD protection. It also supports  $\pm 6KV$  surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.



### Gigabit SFP Uplink Port

With one SFP module slot available, the SFP uplink port is ideal for connecting the switch to the network's backbone, providing more than enough bandwidth and stability for ultra high speed data transferring, Beside the SFP can transmitte the date with Max 100Km distance with more economic solution

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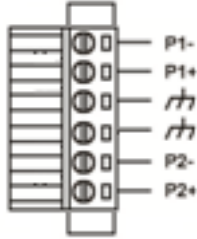
## 2-Port 10/100Mbps Industrial Switch with 2 SFP

### Technical Datasheet

<b>Model</b>	<b>IES7310-2FE2F-DC</b>	
<b>Hardware Specifications</b>		
ports	2* 10/100BASE-T RJ45 auto-MDI/MDI-X ports 2* 100Mbps SFP Slot	
Connector	Removable 6-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for PG, Pin 5/6 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SFP: Green	
Power requirements	12~54V DC	
Power Consumption	Less than 3 Watts	
Power protection	Reverse protection; Over voltage protection, over current protection	
Installation	DIN-rail kit and wall-mount kit	
Switch Performance	Backplane bandwidth	1Gbps
	Packet forwarding rate	0.75Mpps
	MAC address	2k
	Flow control	Back pressure for half duplex. IEEE 802.3x pause frame for full duplex
Enclosure	IP40 Metal case	
ESD Protection	6KV ESD	
Dimension(W x D x H)	30 x 90 x 130mm (1.18in x 3.54in x5.12in )	
Weight	0.55Kg	
<b>Standards Conformance</b>		
Network standard	IEEE 802.3 10Base-T	
	IEEE 802.3u 100Base-Tx	
	IEEE 802.3x Full-Duplex Flow Control	
Stability Testing	FCC CFR47 Part 15, EN55022/CISPR22, Class A	
	EMS:	
	IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air)	
	IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)	
	IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV	
	IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV	
	IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)	
	IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)	
	IEC 60068-2-32 (free fall)	
	IEC 60068-2-27 (shock)	
IEC 60068-2-6 (vibration)		
<b>Environment</b>		
Environment specification	Operating temperature: -40℃~85℃, operating humidity: 5%~95%	
	Storage temperature: -40℃~85℃, storage humidity: 5%~95%	
Warranty	5 Years	

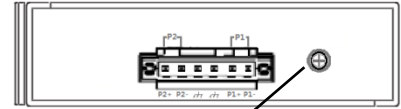
### Installation Models

#### Power Terminal

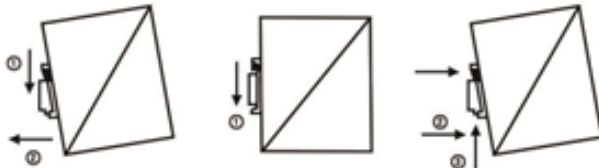


- ◆ 6-pin 3.81mm-spacing plug-in terminal
- ◆ 12V-54VDC wide voltage input
- ◆ P1&P2 dual power input
- ◆ Reverse protection

#### Earth Protection

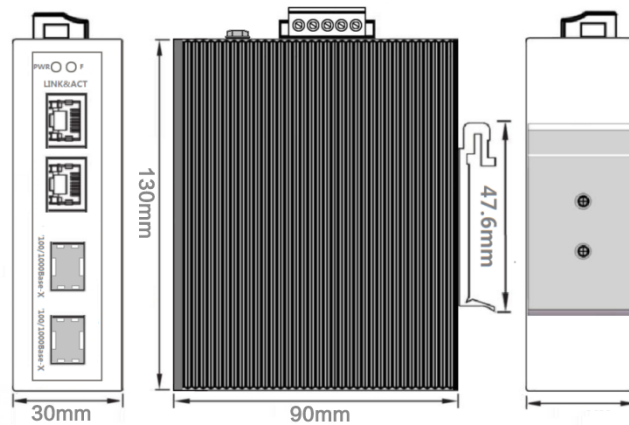


Ground terminal or screw

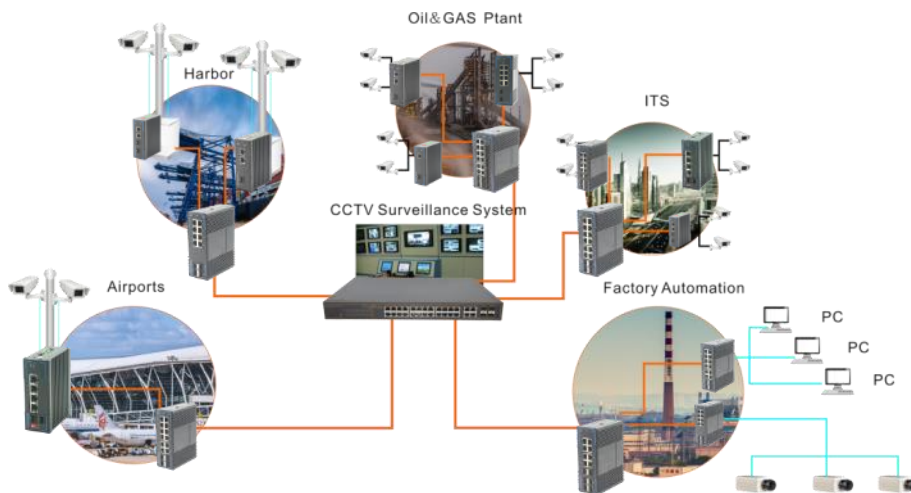


#### Din-Rail

### Mechanical Drawing



### Applications



#### Ordering Information

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