BCZW

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

85℃ ☀❄ −40℃

DIN Rail

6KV Lightning Protection

IES7310-1FE2F-DC

EXCLUSIVE 5 YEAR WARRANTY

Key Features:

Ports: Provide 1*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 IES7310-1FE2F-DC can be placed in almost any difficult environment.

Surge Protection Design

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

Working Temperature -40℃ 85℃ Wide temperature design work well in different harsh environment

Dual Power input for High Availability Network

Featureing 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.

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
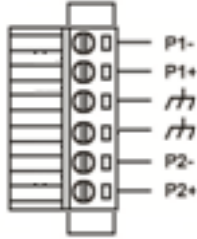
IES7310-1FE2F-DC

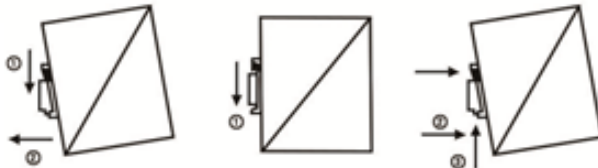## 1-Port 10/100Mbps Industrial Switch with 2 SFP

Technical Datasheet

Model	IES7310-1FE2F-DC	
Hardware Specifications		
ports	1* 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 duple. 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	
Standards Conformance		
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)	
Environment		
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5％~95％ Storage temperature: -40℃~85℃，storage humidity: 5％~95％	
Warranty	5 Years	

IES7310-1FE2F-DC

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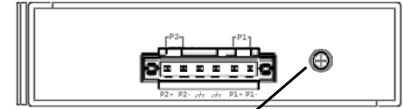## Installation Models

Power Terminal

- P1-
- P1+
- P2-
- P2+

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

Earth Protection
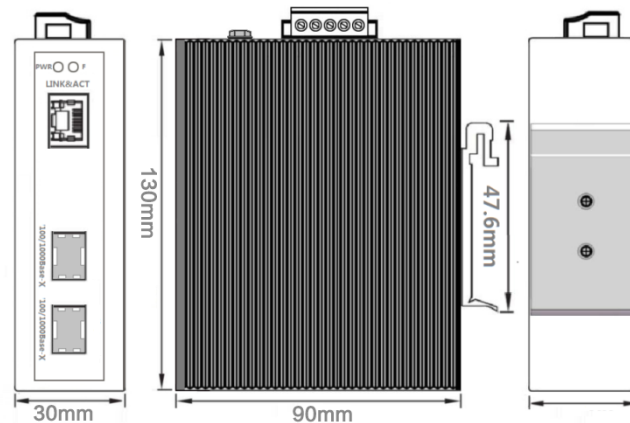
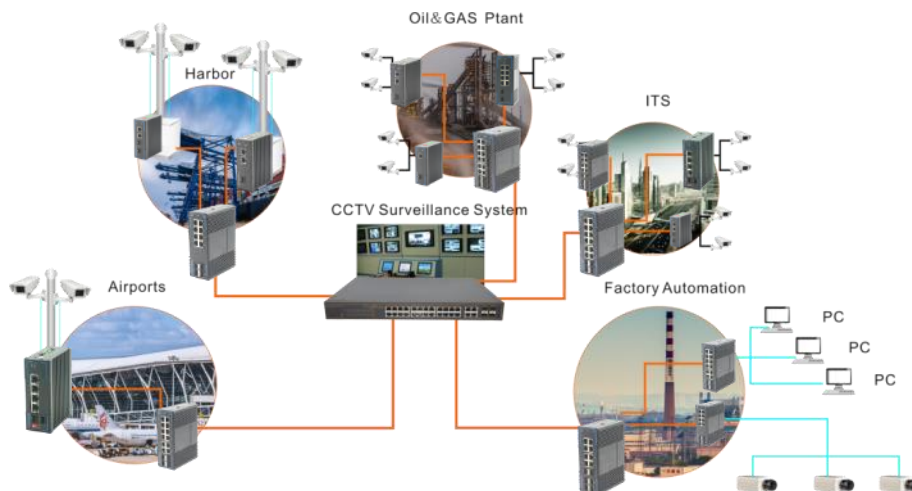Ground terminal or screw

Din-Rail

Mechanical Drawing

130mm
30mm
90mm
47.6mm

Applications

Oil&GAS Ptant

Harbor

ITS

CCTV Surveillance System

Airports

Factory Automation

PC
PC
PC

Ordering Information	
IES7310-1FE2F-DC	1 Ports 10/100Mbps Industrial Ethernet swtich With 2 SFP