6-Port 10/100Mbps Industrial Switch with 2 Fiber Uplink

IES7210-6E2Fx-DC

85℃ −40℃ | DIN Rail | 6KV Lightning Protection

Key Features:

Ports: Provide 6*10/100Mbps Ethernet ports with 2*155Mbps SC/FC
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 with dual power input
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 IES7210-6E2FX can be placed in almost any difficult environment.

Dual Power input for High Availability Network

Featureing a strong dual power input system with wide-ranging voltages (12V~36V DC or 24V AC) 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 ±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.

Fiber Uplink Port

With fiber Uplink (SC connector) available, the Fiber 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 fiber can transmitte the date with Max 100Km distance with more economic solution

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Technical Datasheet

Model	SP7210-6E2Fx-DC	
Hardware Specifications		
ports	6 10/100BASE-T RJ45 auto-MDI/MDI-X ports 2 155Mbps SC Slot	
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2	
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow) SC: Green	
Power requirements	12~36V DC	
Power Consumption	Less than 4Watts	
Power Connector	Removable 4-pin terminal block,Pin 1/2 for Power 1; Pin 3/4 for Power 2	
Installation	DIN-rail kit and wall-mount kit	
Switch Performance	Backplane bandwidth	1.8Gbps
	Packet forwarding rate	1.2Mpps
	MAC address	4k
	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)	44.5 x 100 x 105mm (1.75in x 3.94in x 4.13in)	
Weight	0.46Kg	
Standards Conformance		
Network standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-Tx IEEE 802.3x Full-Duplex Flow Control IEEE 802.3az EEE	
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	

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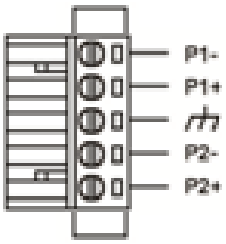
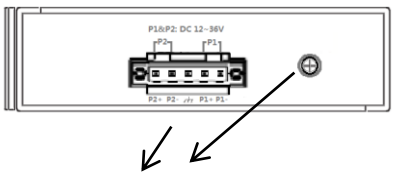
Installation Models

Power Terminal

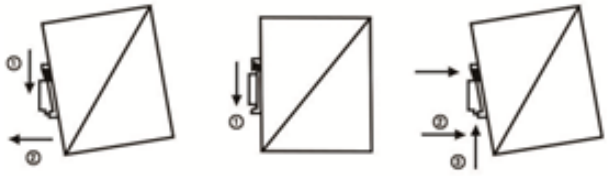


- 5-pin 3.81mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

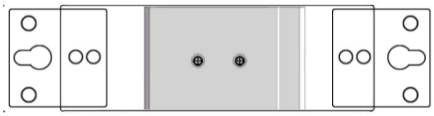
Earth Protection



Ground terminal or screw

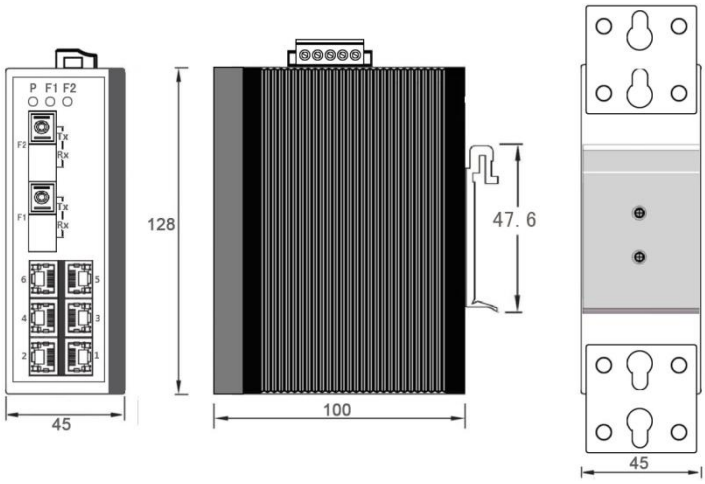


Din-Rail

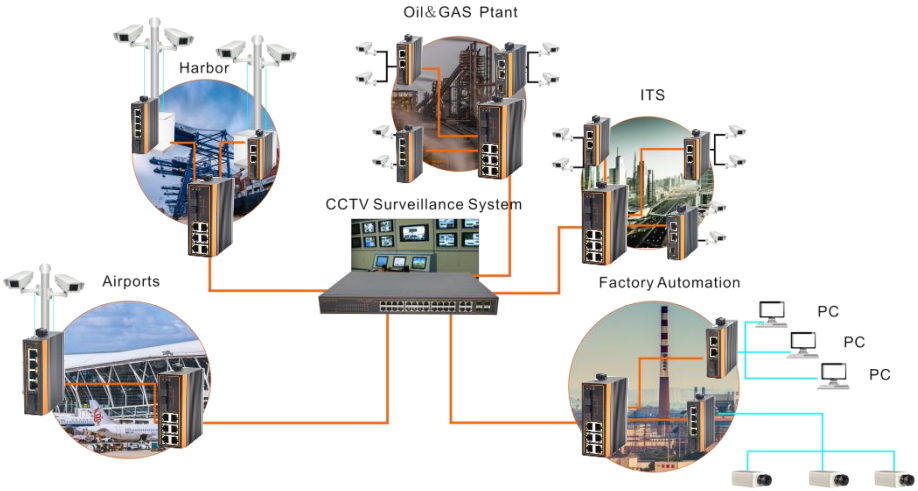


Wall mounting

Mechanical Drawing



Applications



Ordering Information	
IES7210-6E2Fx-DC	6 Ports 10/100Mbps Industrial Ethernet switch With 2 Fiber Uplink.SC connector,20KM

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