4-Port 10/100Mbps Industrial Fiber Converter with 1 SC

IES7211-4FE1Fx-DC

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

Key Features:

Ports: Provide 4*10/100Mbps Ethernet ports with 1*155Mbps SC
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 IES7211-4FE1Fx-DC 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~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 ±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.

IES7211-4FE1Fx-DC

4-Port 10/100Mbps Industrial Fiber Switch with 1 SC

Technical Datasheet

Model	IES7211-4FE1Fx-DC
Hardware Specifications	
ports	4*10/100BASE-T RJ45 auto-MDI/MDI-X ports 1 *155Mbps SC
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	12~54V DC
Power Consumption	Less than 2 Watts
Power Protection	Reverse protection; Over voltage protection,Over current protection
Fiber	Dual fiber/singe fiber optional,distance depends on fiber module,SC connector
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)	28 x 90 x 126mm (1.1in x 3.54in x4.96in)
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%

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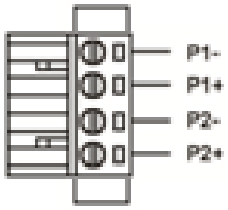
4-Port 10/100Mbps Industrial Fiber Switch with 1 SC

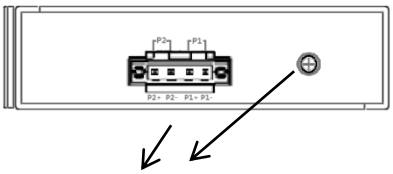
Installation Models

Power Terminal

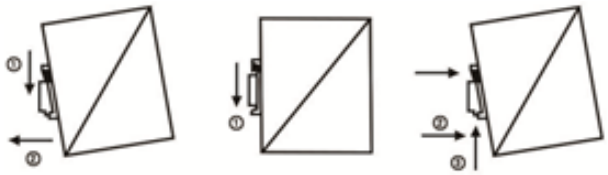


- 4-pin 3.81mm-spacing plug-in terminal
- 12V-54VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

Earth Protection

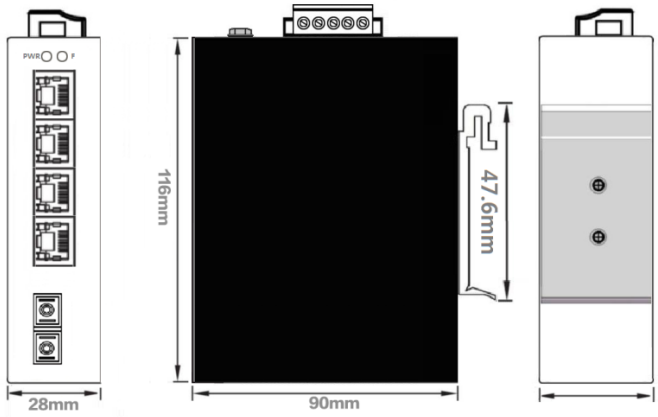


Ground terminal or screw

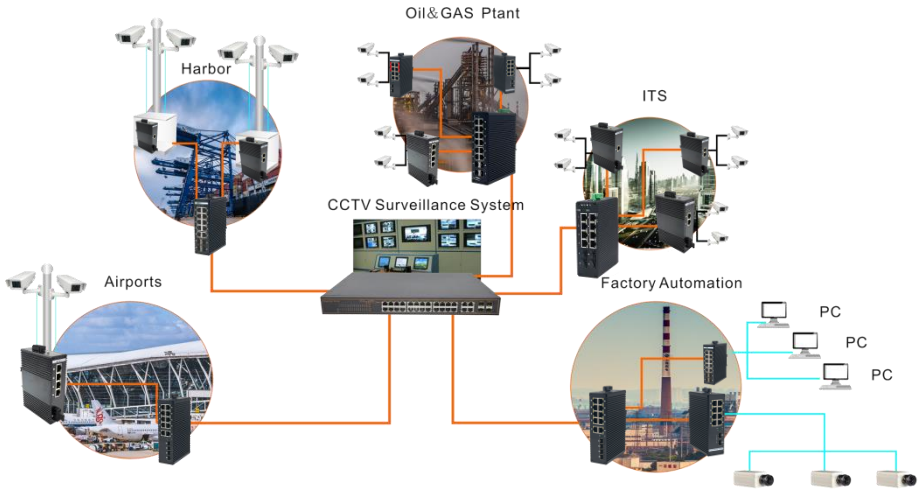


Din-Rail

Mechanical Drawing



Applications



Ordering Information	
IES7211-4FE1Fx-DC	4 Ports 10/100Mbps Industrial Fiber swtich With 1 SC

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