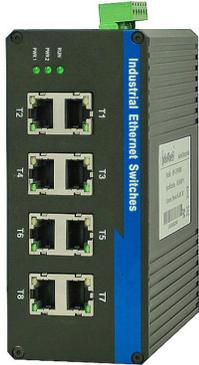


Product Specification

10/100M Unmanaged Industrial Ethernet Switches (FLD-S-8FE-I)

Introduction	Image
<p>This unmanaged industrial Ethernet switch FLD-S-8FE-I is designed to match the critical industrial standards. With reliable and simple operation against vibration and shock, and wide operation temperature range, it could match a variety of harsh environment. The switch complies with CE, FCC and RoHS standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.</p>	 <p>The image shows a black industrial Ethernet switch with a blue vertical stripe on the right side. It has eight RJ45 ports arranged in two columns of four. The ports are labeled T1 through T8. Above the ports are two green LEDs labeled 'LINK' and 'ACT'. A green fiber optic connector is visible at the top. Below the switch are the CE, FCC, and RoHS certification logos.</p>

Features & Benefits
❖ 8 10/100Base-T(X) ports
❖ -40°C-85°C operating temperature range
❖ Super lightning protection, IP40 protection
❖ Excellent heat elimination without cooling fan

Physical Characteristics
❖ Housing: Aluminum Alloy material with IP40 Protection
❖ Dimension: 138mm(L) X 112mm(W) X 60mm(H)
❖ Weight: 670g
❖ Installation: Din-Rail mounting, Wall mounting

Switch Properties

- ❖ MAC Table Size: 8K
- ❖ Packet Buffer Size: 1M bit
- ❖ Processing Type: Store and Forward
- ❖ Exchange Properties: 148800pps (100M)

Interfaces

- ❖ 8 RJ45 Ports: 10/100Base-T(X) auto negotiation

Power

- ❖ Input Voltage: 24V DC(18-36VDC) Redundant dual inputs
- ❖ Input Current: <0.5A @24VDC
- ❖ Overload Current Protection: Present
- ❖ Reverse Polarity Protection: Present
- ❖ Redundant Protection: Present

Environmental Limits

- ❖ Operating Temperature: -40°C-85°C
- ❖ Storage Temperature: -40°C-85°C
- ❖ Ambient Relative Humidity: 5%-95% (non-condensing)

Standards

- ❖ EMS:
 - EN61000-4-2 (ESD), Level 3
 - EN61000-4-3 (RS), Level 3
 - EN61000-4-4 (EFT), Level 3
 - EN61000-4-5 (Surge), Level 3
 - IEC61000-4-8(100A/m), Level 3
 - IEC61000-4-11, Level 3
- ❖ Shock: IEC 60068-2-27
- ❖ Free Fall: IEC 60068-2-32
- ❖ Vibration: IEC 60068-2-6

FIBERLAND

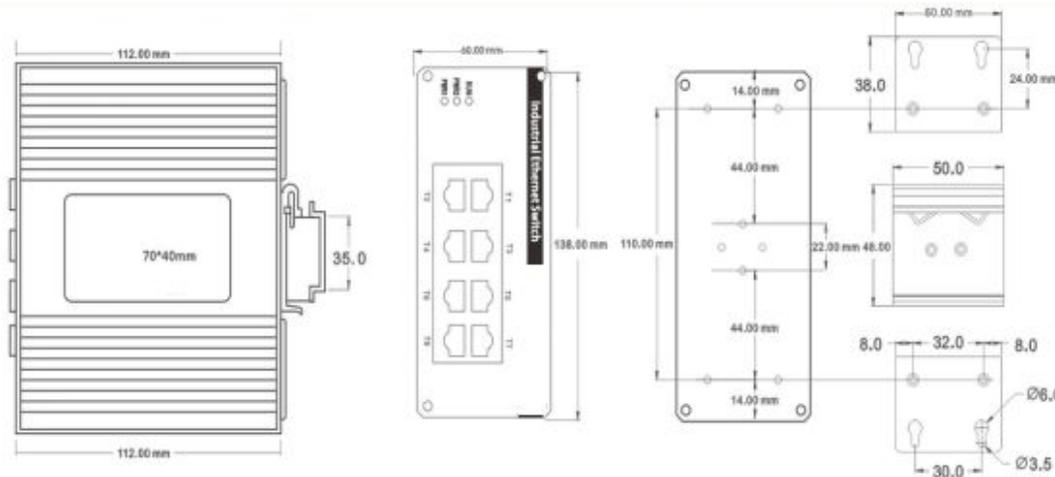
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❖	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
❖	Industry: IEC61000-6-2
❖	Rail: EN50155, EN50121-4
❖	Traffic: NEMA TS-2

Warranty
5 years

Dimension : FLD-S-8FE-I



Contact :

Address	6 th floor ,building 8,Zhongxing industrial zone,Nanshan district,Shenzhen,P.R.China
Zip	518000
Website	www.fiberlandtec.com
Email	sales@fiberlandtec.com