

Fiber Optic & Networking Products

Product Specification 10/100M Unmanaged Industrial Ethernet Switches (FLD-S-2F1F-I)

This unmanaged industrial Ethernet switch FLD-S-2F1F-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.

Features & Benefits ❖ 1 10/100Base-T(X) ports and 2 100Base-FX port ❖ -40℃-85℃ operating temperature range ❖ Super lightening 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 42mm(H)	
*	Weight: 480g	
*	Installation: Din-Rail mounting, Wall mounting	

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Switch Properties

- MAC Table Size: 2K
- Packet Buffer Size: 1M bit
- Processing Type: Store and Forward
- Exchange Properties: 148800pps (100M)

Interfaces

- 2 100Base-FX port (SC/ST/FC/LC connectors optional)
- ❖ 1 RJ45 Ports: 10/100Base-T(X) auto negotiation

Power

- Input Voltage: 24V DC(18-36VDC) Redundant dual inputs
- ❖ Input Current: <0.5A @24VDC</p>
- 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

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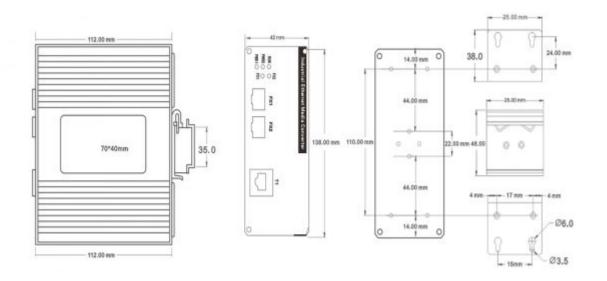
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*	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
*	Industry: IEC61000-6-2
*	Rail: EN50155, EN50121-4
*	Traffic: NEMA TS-2

Warranty	
5 years	

Dimension: FLD-S-2F1F-I



Contact:

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