


Product Specification

10/100M Unmanaged Industrial Ethernet Switches,MINI type (FLD-S-1F1F-IM)

Introduction	Image
<p>This unmanaged industrial fiber media converter FLD-S-1F1F-1M 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.</p> <p>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. it provides the high performance and advanced networking quality to deliver all networking communications and data (such as IP telephony, IP surveillance, and Video Streaming) over a single network.</p>	 <p>CE FCC RoHS</p>

Features & Benefits
1*10/100Base-T(X) ports and 1*100Base-FX port
-40°C-85°C operating temperature range
Super lightning protection, IP40 protection
Excellent heat elimination without cooling fan
"OP-Ring" (recovery time<20ms), RSTP/STP, and MSTP for network redundancy
Strom control : Prevents traffic on a LAN from being disrupted by a broadcast, multicast,or unicast storm on a port

Physical Characteristics
Housing: Aluminum Alloy material with IP40 Protection
Dimension: 98mm(L) X 78mm(W) X 32mm(H)
Weight: 270g
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

- ❖ 1 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
- ❖ 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

FIBERLAND

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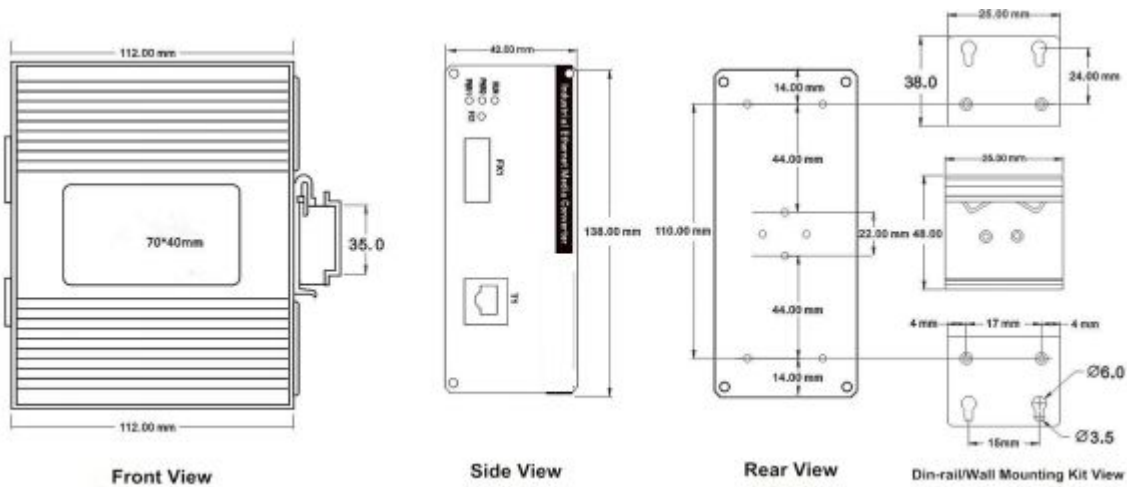
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❖	Vibration: IEC 60068-2-6
❖	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
❖	Industry: IEC61000-6-2
❖	Rail: EN50155, EN50121-4
❖	Traffic: NEMA TS-2

Warranty

5 years

Dimension : FLD-S-1F1F-IM



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