


## Product Specification

### 10/100M Unmanaged Industrial Ethernet Switches (FLD-S-2F2F-I)

Introduction	Image
<p>This unmanaged industrial Ethernet switch FLD-S-2F2F-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 media converter with a blue front panel. It features two RJ45 ports labeled TP1 and TP2, and two BNC ports labeled FX1 and FX2. A green fiber optic connector is visible at the top. Below the device are the CE, FCC, and RoHS certification logos.</p>

Features & Benefits
❖ 2 10/100Base-T(X) ports and 2 100Base-FX port
❖ -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 42mm(H)
❖ Weight: 480g
❖ 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

- ❖ 2 100Base-FX port (SC/ST/FC/LC connectors optional)
- ❖ 2 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

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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

## Contact :

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