


Product Specification

10/100/1000M Unmanaged Industrial Ethernet Switches (FLD-S-2G8G-I)

Introduction	Image
<p>This unmanaged industrial Ethernet switch FLD-S-2G8G-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.</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.</p>	 <p>The image shows a black industrial Ethernet switch with a blue front panel. It features 8 RJ45 ports and 2 SFP ports. The text 'MCFIT Industrial Ethernet Switch' is visible on the front panel. Below the image are the CE, FCC, and RoHS certification logos.</p>

Features & Benefits
8 10/100/1000Base-T(X) ports and 2 1000Base-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 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: 1488000pps (1000M)

Interfaces

8 RJ45 Ports: 10/100/1000 Base-T(X) auto negotiation

2 1000Base-FX port (SFP Slot)

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

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