



## Product Specification

### 10/100/1000M Unmanaged Industrial Ethernet Switches (FLD-S-1G8G-I)

Introduction	Image
<p>This unmanaged industrial Ethernet switch FLD-S-1G8G-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 label on the right side that reads 'Industrial Ethernet Switch'. It features eight RJ45 ports on the front panel, arranged in two columns of four. The ports are labeled T1 through T8. Above the ports, there are several status LEDs and a power button. The switch is mounted on a DIN rail.</p>  <p>Below the product image are three certification logos: the CE mark, the FCC mark, and the RoHS mark (a circle with a checkmark and the text 'RoHS').</p>

Features & Benefits
8 10/100/1000Base-T(X) ports and 1 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: 710g
❖ 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

1 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

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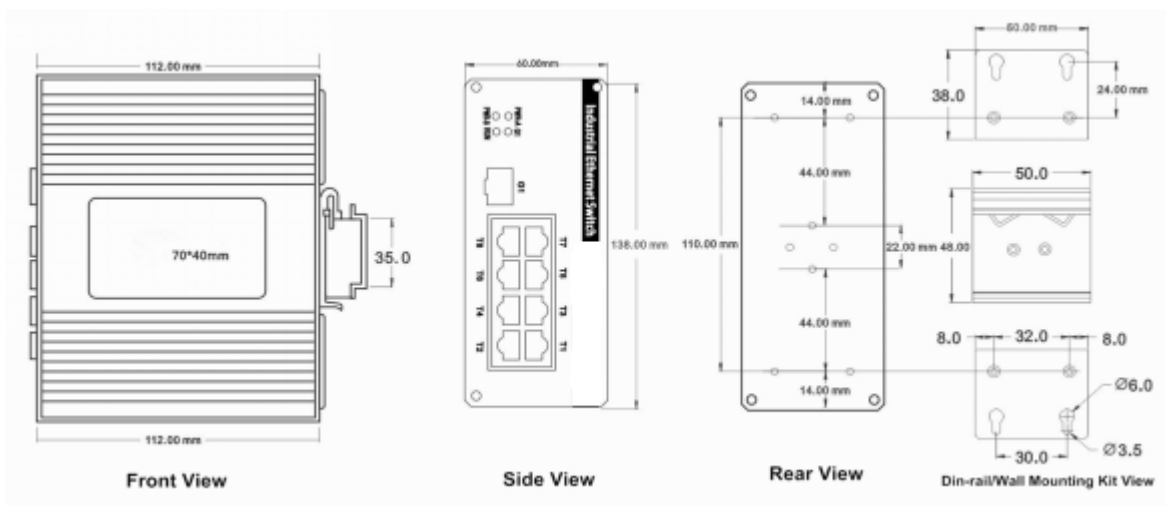
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❖	Vibration: IEC 60068-2-6
❖	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
❖	Industry: IEC61000-6-2
❖	Rail: EN50155, EN50121-4
❖	Traffic: NEMA TS-2

## Warranty

5 years

## Dimension : FLD-S-1G8G-I



## Contact :

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