Product Specification

10/100/1000M Unmanaged Industrial Ethernet Switches

(FLD-S-1G8F-I)

Introduction	Image
This unmanaged industrial Ethernet switch FLD-S-1G8F-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

❖   8 10/100Base-T(X) ports and 1 1000Base-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 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: 148800pps (100M)

Interfaces

❖ 1 1000Base-FX port (SFP Slot)

❖ 8 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℃-85℃

❖ Storage Temperature: -40℃-85℃

❖ 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

❖ 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-1G8F-I

Front View Side View Rear View Din-rail/Wall Mounting Kit View
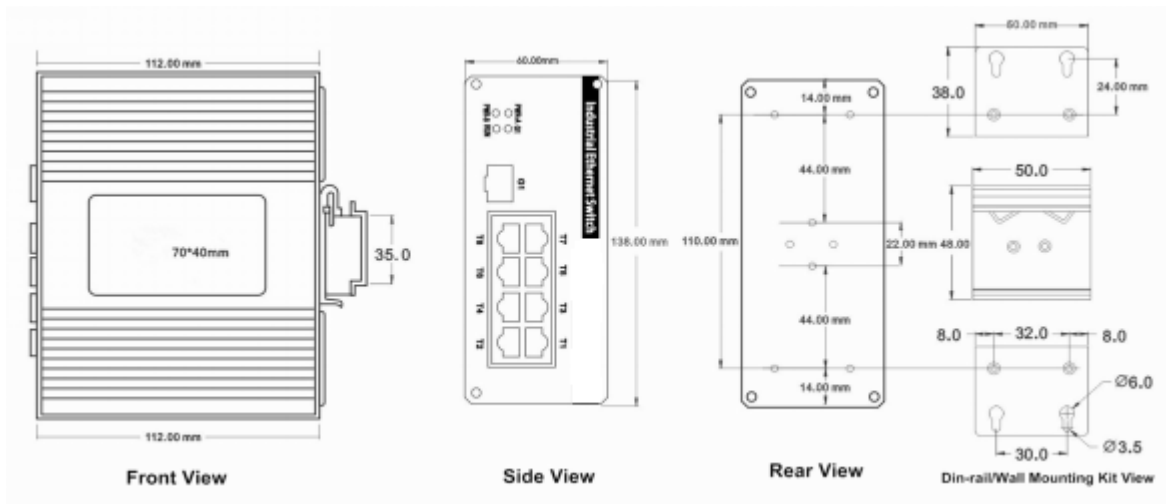
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