


Product Specification

10/100/1000M Unmanaged Industrial Ethernet PoE Switches (FLD-PS-8GE-I)

Introduction	Image
<p>FLD-PS-8GE-I is specialized for harsh industrial environment. It is classified as power resource equipment, which can be used to power IEEE 802.3af/at compliant powered devices, eliminates the need of additional wiring. With simple operation, excellent quality and competitive price, it provides an economical solution for your industrial Ethernet network, which is also specially designed for the needs of multiplex broadband access with limited optical fibers.</p>	 <p>The image shows a black industrial Ethernet switch with a blue vertical label on the right side that reads "Industrial Ethernet Switches". The front panel features eight RJ45 ports arranged in two columns of four. The top-left ports are labeled T2 and T1, the middle-left ports are T4 and T3, and the bottom-left ports are T6 and T5. The top-right ports are labeled T1 and T2, the middle-right ports are T3 and T4, and the bottom-right ports are T5 and T6. There are also two green LEDs at the top left and a green fiber optic connector at the top right. Below the switch are three certification logos: CE, FCC, and RoHS.</p>

Features & Benefits
❖ 8 IEEE 802.3af/at PoE compliance 10/100/1000Base-T(X) ports
❖ Up to 30W at 48V DC power output on each PoE port
❖ Super lightning protection, IP40 protection
❖ Excellent heat elimination without cooling fan
❖ Redundant dual DC power inputs
❖ -40°C-85°C operating temperature range

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: 2K
- ❖ Packet Buffer Size: 6KX64bits
- ❖ Processing Type: Store and Forward
- ❖ Exchange Properties: 1488000pps (1000M)

Interfaces

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

Power

- ❖ Input Voltage: 48V DC(46-56VDC), Redundant dual inputs
- ❖ Input Current: <0.5A @24VDC
- ❖ Overload Current Protection: Present
- ❖ Reverse Polarity Protection: Present
- ❖ Redundant Protection: Present
- ❖ Connection: 1 removable 6-pin terminal blocks

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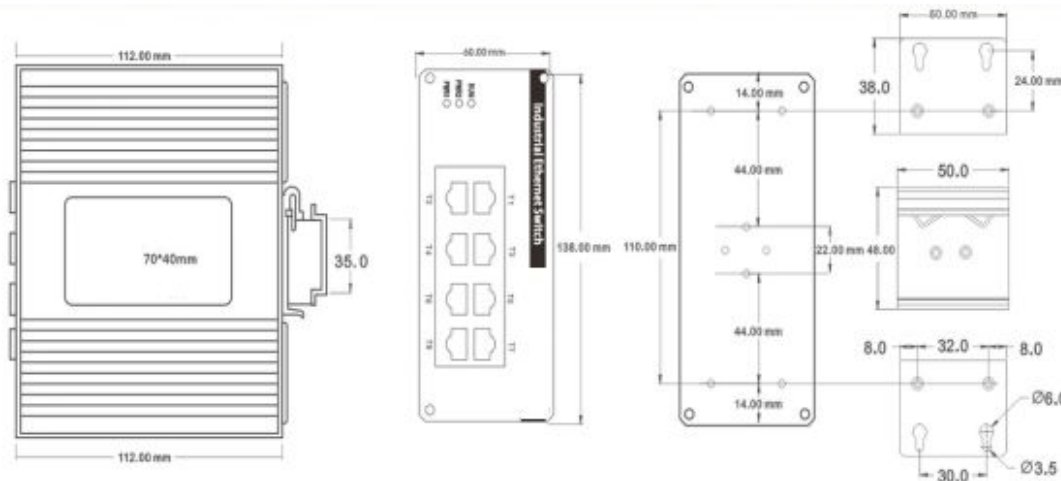
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❖	Vibration: IEC 60068-2-6
❖	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A
❖	Industry: IEC61000-6-2
❖	Rail: EN50155, EN50121-4
❖	Traffic: NEMA TS-2

Warranty

5 years

Dimension : FLD-PS-8GE-I



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