

Product Specification

10/100/1000M Managed Industrial Ethernet Switches (FLD-MS-2G24G-I)

Introduction	Image
<p>This managed industrial Ethernet switch FLD-MS-2G24G-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 environments. 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>	 

Features & Benefits
24 10/100/1000Base-TX ports and 2 1000Base-SX/LX/LH/ZX/SFP fiber port
10/100/1000M auto-negotiation , Full/Half duplex mode, auto-MDI-MDI-X
Super lightning protection, IP40 protection
Excellent heat elimination without cooling fan
Redundant dual DC power inputs
-40°C-85°C operating temperature range

Switch Properties
MAC Table Size: 1K
Packet Buffer Size: 1Mbit
Processing Type: Store and Forward
Exchange Properties: 1488000pps (1000M)

Physical Characteristics
Housing: Aluminum Alloy material with IP40 Protection
Dimension: 1000mm(L) X 700mm(W) X 60mm(H)
Weight: 1200g
Installation: Din-Rail mounting, Wall mounting

Interfaces
24 RJ45 Ports Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab, 10/100/1000Base-TX 10/100/1000Base-TX auto negotiation speed Full/Half duplex mode Auto MDI-MDI-X connection Up to 100M Cat-5 transmission distance
2 Fiber Port Comply with IEEE802.3z Rate: 1000Mbps Wavelength: 850nm/1310nm/1550nm Up to 550M transmission distance with multi-mode Up to 20km,40km,60km,80km transmission distance with single-mode SC/LC interfaces optional

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
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
Safety: UL 60950-1
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 EN61000-4-6 (CS), Level 3
Shock: IEC 60068-2-27
Free Fall: IEC 60068-2-32
Vibration: IEC 60068-2-6
EMI: FCC Part 15 Subpart B Class A, EN 55022 Class A
Industry: IEC61000-6-2
Rail: EN50155, EN50121-4
Traffic: NEMA TS-2

Warranty
5 years

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