


Product Specification

10/100/1000M Managed Industrial Ethernet PoE Switches (FLD-PS-3G6F-I)

Introduction	Image
<p>FLD-PS-3G6F-I PoE Switch is designed for critical industrial application, with reliable and simple operation against vibration and shock and other disturbances. It is classified as power source equipment (PSE) and provides up to 30W of power per PoE ports, eliminates the need of additional wiring.</p> <p>With the wide temperature range for operation, this switch meets the requirements of reliability and practicality of network in different kinds of industrial environments.</p>	 <p>CE FC RoHS</p>

Features & Benefits
6 IEEE 802.3af/at PoE compliance 10/100Base-T(X) ports and 3 1000Base-SX/LX/LH/ZX port
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: 640g
Installation: Din-Rail mounting, Wall mounting

Switch Properties

MAC Table Size: 8K

Packet Buffer Size: 1Mbit

Processing Type: Store and Forward

Exchange Properties: 148800pps (100M)

Interfaces

6 RJ45 Ports
Comply with IEEE802.3, IEEE802.3u, IEEE802.3af/at PoE,
10/100Base-T(X) auto negotiation speed
Full/Half duplex mode
Auto MDI-MDI-X connection
Up to 100M Cat-5 transmission distance

3 Fiber Port
Comply with IEEE802.3u, 100Base-SX/LX/LH/ZX
Rate: 1000Mbps
Wavelength: 850nm/1310nm/1550nm
Up to 2Km transmission distance with multi-mode
Up to 20Km,40Km,60Km,80Km transmission distance with single-mode
SC/LC interfaces optional

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

IEEE 802.3 for 10BaseT
IEEE 802.3u for 100BaseT(X)
IEEE 802.3x for Flow Control
IEEE 802.1D-2004 for Spanning Tree Protocol
IEEE 802.1w for Rapid Spanning Tree Protocol
IEEE 802.1Q for VLAN Tagging
IEEE 802.1p for Class of Service
IEEE 802.1X for Authentication
IEEE 802.3ad for Port Trunk with LACP

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
EN61000-4-16(Common-mode Conduction), 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

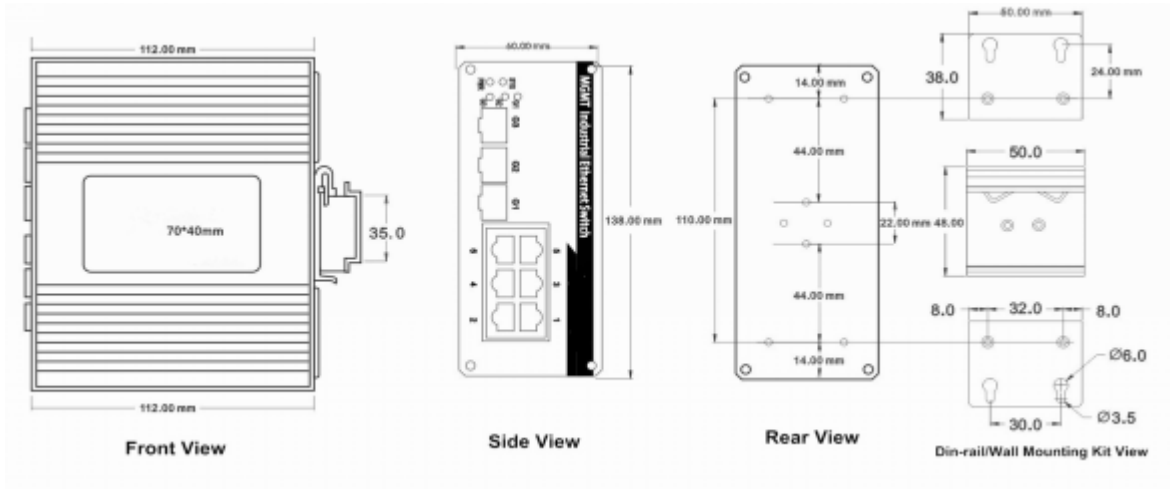
Rail: EN50155, EN50121-4

Traffic: NEMA TS-2

Warranty

5 years

Dimension : FLD-PS-3G6F-I



Contact :

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