



IES-0600 Version: 1

6-Port Gigabit Industrial Switch, 1 x SFP, 1 x SFP/RJ45 Combo, -40°C to 75°C, DIN-Rail

LevelOne IES-0600 Industry Ethernet Switch provides 4 ports 10/100/1000Base plus 2 port Gigabit SFP to enable high speed network at mission-critical environment. With the industrial standard DIN-rail mount; this switch can be easily installed in the cabinet, plus the clearly visible status LEDs provide simple monitoring of port link activity. Moreover, the SFP slots support pluggable modules that enabling you to choose from a variety of transceivers.

Key Features

- 4 10/100/1000Base-T ports
- 1 Gigabit Combo + 1 Gigabit SFP(100/1G) slot
- 1000 Mbps-Full-duplex, 10/100Mbps-Full/Half-duplex,
- Auto-Negotiation, Auto-MDI/MDIX
- -40°C to 75°C (-40°F to 167°F) operating temperature range
- DIN-Rail mount installation
- Metal case design and compliant with IP30 standard

Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet
 IEEE 802.3u 100-BASE-TX, Fast Ethernet
 IEEE 802.3ab 1000Base-T Gigabit Ethernet
 IEEE 802.3z 1000Base-X Gigabit Ethernet
 IEEE 802.3x Full-duplex Flow Control
 IEEE802.3x Flow Control and Back Pressure

Buffer Memory:

1024KB

Connectors and Cabling:

4 x RJ-45 10/100/1000BASE-T RJ45 ports
 1 x Gigabit Combo (RJ45 / SFP)
 1 x 100/1000Base-X SFP Slot
 1 x Terminal Block

Button/Knob:

DIP1 On : Port 5 supports TX Copper
 DIP1 Off : Port 5 supports SFP (Default)
 DIP2 : Reserved

**Indicator:**

PW1 (Power 1) : Green / PW2 (Power 2) : Green / ERR (Fault) : Amber
LNK (RJ45) : Green
SPD : Amber (1000) / Green (100) / Off (10)
SFP : Green (Link / Active)

Transmission Method:

Store-and-Forward

Power Input:

Power Input: 9-56 VDC Dual power input capable (Redundancy)

Protection:

Polarity Reversal

Overload Current

Power Output:

Alarm Relay Output 1A @ 24VDC

Performance

Backplane (Gbps):

12Gbps

MAC Address Table:

1K

Data Transfer Rate:

10/100/1000Mbps

Packet Forwarding Rate:

1000Mbps port - 1,488,000pps

100Mbps port - 148,000pps

10Mbps port - 14,880pps

Jumbo Frame (K):

10 K

Environment

Temperature (°C):

Operating: - 40°C ~ 75°C

Storage: - 40°C ~ 85°C

Humidity (Non-condensing):

Storage: 5% ~ 95%

Operating: 5% ~ 95%

Deployment:

Desk, wall and chassis mounted

Physical Specifications

Dimensions (W x D x H mm):

40 x 105 x 38 mm

Weight (g):

720 g

Approval and Compliance

EMI/EMS:

FCC Part 15 Subpart B Class A

CE

VCCI

Safety:

EN60950-1

Environmental Test:

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

EN61000-4-8 (Magnetic Field) Level 3

UL508 (Pending)

EN 50121-4 (Pending)

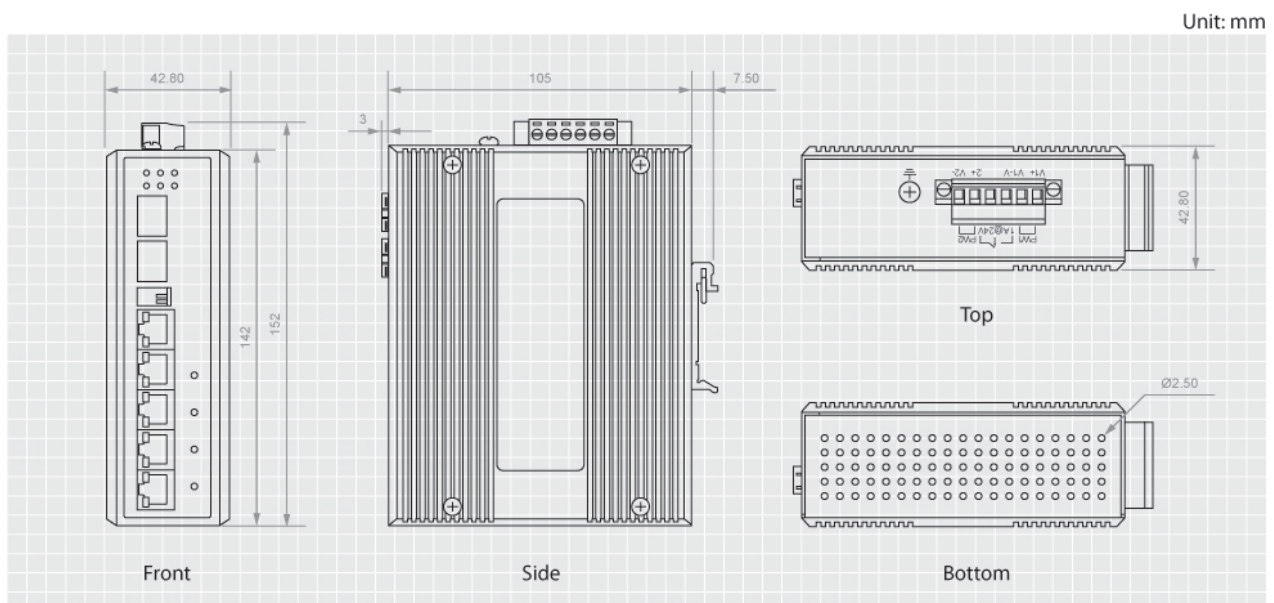
IEC 60068-2-27

IEC 60068-2-32

IEC 60068-2-6

UL 508

Diagram



Order Information

IES-0600

Package Contents

IES-0600

Quick Installation Guide

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