



IES-0600 Version: 1

## 6-Port Industrial Gigabit Ethernet Switch, 1 x SFP, 1 x SFP/RJ45 Combo, -40°C to 75°C, DIN-Schiene, 9-60VDC Power Input

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

##### Pufferspeicher:

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

**Taster:**

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

**Indikator:**

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:**

Power Input: 9-56 VDC Dual power input capable (Redundancy)  
Protection:  
Polarity Reversal  
Overload Current  
Alarm Relay Output 1A @ 24VDC

## Performance

**Backplane (Gbps):**

12Gbps

**MAC-Adresstabelle:**

1K

**Datenrate:**

10/100/1000Mbps

**Weiterleitungsrate:**

1000Mbps port - 1,488,000pps  
100Mbps port - 148,000pps  
10Mbps port - 14,880pps

**Jumbo-Frames:**

10 K

## Environment

**Temperatur (°C):**

Operating: - 40°C ~ 75°C  
Storage: - 40°C ~ 85°C

**Luftfeuchtigkeit (nicht kondensierend):**

Storage: 5% ~ 95%  
Operating: 5% ~ 95%

## Physical Specifications

**Abmessungen (W x D x H mm):**

40 x 105 x 38 mm

**Gewicht:**

720 g

## Others

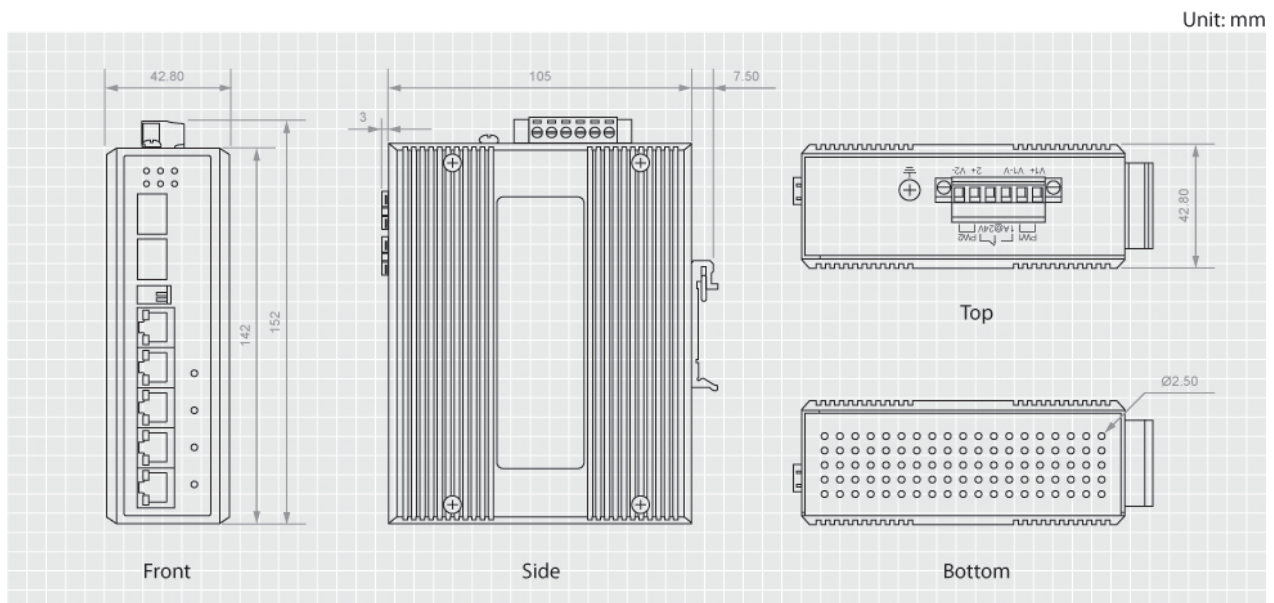
**Zertifizierung:**

FCC Part 15 Subpart B Class A  
CE EN 55022 Class A  
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

Deployment:  
Desk, wall and chassis mounted

## Diagramm



## Order Information

IES-0600

## Package Contents

IES-0600  
Quick Installation Guide

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