



IEC-4000 Version: 1

RJ45 to SFP Fast Ethernet Industrial Media Converter, -40°C to 75°C

LevelOne IEC-4000 is an industrial Fast Ethernet media converter with a mini size, rugged aluminium case which providing superb heat dissipation. This converter is designed to be mounted on an industrial standard DIN-rail, as well as on the wall, plus the clearly visible status LEDs provide simple monitoring of port link activity. It also features Link Fault Pass Through in order to alert remote location when link status changes.

Key Features

- 10/100BaseT to 100Base-FX
- Rugged aluminium case design in a mini size form factor
- 18V-36VAC & 12V-60VDC with polarity protection
- Link Fault Pass through (LFP) function
- Supports switch and pure converter mode
- Surge & ESD protection
- Maximum noise & interference immunity
- -40°C to 75°C (-40°F to 167°F) operating temperature range
- DIN-Rail or panel mount installation

Specifications

System Specifications

Standards & Protocols:

IEEE 802.3 10-BASE-T, Ethernet
IEEE 802.3u 100-BASE-TX, Fast Ethernet
IEEE 802.3u 100-BASE-FX, Fast Ethernet
IEEE 802.3x Flow Control and Back Pressure

Connectors and Cabling:

Ethernet Port: 10/100Mbps RJ45
- Auto Speed negotiation
- Auto MDI/MDI-X
- Full/Half Duplex
Fibre Port: 100Base-X SFP Slot

Indicator:

Power, Speed (TP), Link / Act (TP & Fibre)

**Transmission Method:**

Store and forward (Default) pass through

Power Input:

Power Consumption: 1.44W

Power Input:

12 to 60VDC or 18 to 36VAC (Terminal Block)

Dual power input capable (Redundancy)

Features

General:

DIP Switch:

Link Fault Pass Through (LFP) Enable / Disable

Switch Converter / Pure Converter mode

Performance

Operating Distance:

depend on SFP module

Environment

Temperature (°C):

Storage: -40 ~75 °C

Operating: -40 ~ 75 °C

Humidity (Non-condensing):

5 ~ 95 %

Deployment:

Desk, wall and chassis mounted

Physical Specifications

Dimensions (W x D x H mm):

59 x 49 x 36mm

Weight (g):

gross weight 260g, Net weight 90g

Reliability

MTBF:

510,340(hr)

Approval and Compliance

EMI/EMS:

FCC ,CE , RoHS / REACH, VCCI

Safety:

EN55022 Class A

EN65950-1

Environmental Test:

EN61000-4-2 (ESD) Level 3

EN61000-4-3 (RS) Level 2

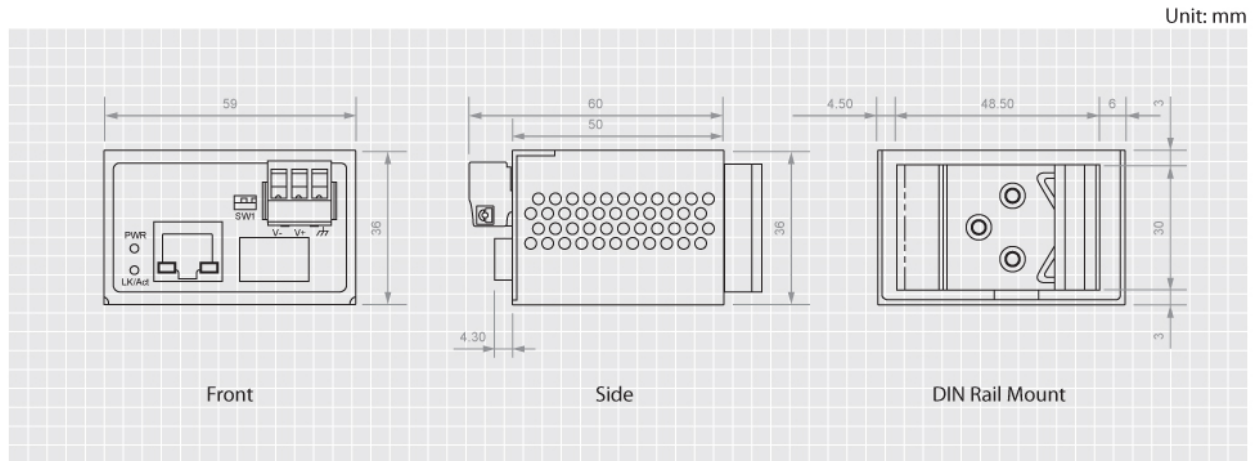
EN61000-4-4 (EFT) Level 2

EN61000-4-5 (Surge) Level 2

EN61000-4-6 (CS) Level 2

EN 61000-4-8 (PFMF) Level 1

Diagram



Order Information

IEC-4000

Package Contents

IEC-4000
Quick Installation Guide

Optional Accessory



POW-1212

Industrial Power Adapter, Open Wire Ends, 36W, 12VDC



POW-4801

48V DC Power Adapter

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