

DATASHEET

5-Port Fast Ethernet Industrial Switch



General data

4 Fast Ethernet PoE ports and 1 Fast Ethernet fiber port
 Total PoE power budget: 126W, up to 30W per port
 Single-mode fiber with SC connector for transmission of up to 30km
 -40°C to 75°C operating temperature range
 Provides DIN-rail, wall or desktop mounting
 IP30 metal case
 Redundant power inputs with Terminal Block

The LevelOne IFP-0503 Industrial Fast Ethernet PoE+ Switch provides 4 ports at 10/100M TX PSE to supply power and internet to PoE+ compatible Powered Devices (PD) in a large-scale indoor or outdoor network setting. The IFP-0503 supplies 15.4 Watts for IEEE802.3af or 30 Watts (Max 36W) for IEEE802.3at per port. Duplex mode Fibre allows installation up to 30km from the power source. With an industrial-standard DIN-rail mount for easy cabinet deployment and metal casing rated to IP30, this ruggedized switch is engineered for installation in industrial settings where humidity, dust, high or low operating temperatures or vibrations could cause standard devices to fail.

General
 Color: Black

Miscellaneous
 Data rate Fast Ethernet
 PoE Power Budget 126.00 Watts
 PoE Supported Yes
 Concurrent ports 5.00 ports
 Fanless Yes
 Manageable No
 Grade industrial

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Others

Approvals and Compliance FCC, CE, VCCI

EN60950-1

EN55022/24

EN55011

EN50121-3-2

EN50121-4 (pending)

EN50155 (pending)

EN60068-2-6

EN60068-2-27

EN60068-2-32

scope of delivery

IFP-0503

Din rail mount kit,

Power Terminal Block,

Wall mount kit,

Quick Installation Guide

performance

Switching performance 100Mbps port - 148,000pps 10Mbps port - 14,880pps

Physical Specifications

Product weight (kg) 0.47

System specifications

Backplane (Gbit/s) 1G

Flash memory size 1M

Indicator PW1 (Power 1) : Green / PW2 (Power 2) : Green /

SW(Relay): Amber

LNK (RJ45): Green

SFP: Green (Link/Active)

MAC address table 1K

Fastening DIN rail mount

MTBF 150,000 hrs at 25°C

Energy consumption 3.76W@48 VDC full load

Input voltage 9 to 56V

Power supply 9 to 56V

RAM size 1M

Standards IEEE 802.3 10Base-T Ethernet

IEEE 802.3u 100Base-TX Fast Ethernet

IEEE802.3x Flow Control and Back Pressure,

IEEE802.3af for POE

IEEE802.3at for POE+

Technical properties

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Fast Ethernet	True
Manageable	False
Manufacturer	LevelOne
Mounting method	DIN rail (top hat rail)
Power over Ethernet (PoE)	802.3 at (PoE+)

Available variants

ArtNr.	Bezeichnung	Unique
IFP-0503	5-Port Fast Ethernet Industrial Switch	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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