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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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

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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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