DATASHEET

4-Port-Gigabit-PoE-Industrial-Switch DIN-Rail -40°C to 75°C



General data

10/100/1000 Mbps wire speed transmission and reception
IEEE 802.3af/at PoE compliant to simplify deployment and installation
6KV surge protection level on each port
-40°C to 75°C operating temperature range
Supports the PoE auto-check function,which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the port's output of PoE, and restart the PD device. It gently reduces the maintenance difficulty of engineering.
ESD and surge protection
Supports DIN-rail installation

LevelOne IGP-0432 Industry Ethernet Switch provides 2 PoE 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. This switch is Power Sourcing Equipment (PSE), and it is fully complied with IEEE 802.3at/af PoE standard at maximum 30W power budget per port. It helps to save infrastructure wiring costs dramatically by eliminating electric wiring and less UPS needed. Also, it is compatible with IEEE802.3af standard PD devices.

General
Color: Black

Miscellaneous
Data rate Gigabit Ethernet
PoE power budget 60.00 watts
PoE Supported Yes
Concurrent ports 4.00 ports
Fanless Yes

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Manageable No
Grade industrial

Others
Approvals and compliance CE/FCC
Operating humidity 0%RH ~ 95%RH
Operating temperature -40°C ~ 75°C
Storage humidity 0%RH ~ 95%RH
Storage temperature -40°C ~ 85°C

scope of delivery
IGP-0432
Power terminal block
Quick Installation Guide

Physical Specifications
Dimensions (W x D x H) 130 x 110 x 62 mm
Product weight (kg) 0.3

System specifications
Backplane (Gbit/s) 8 Gbps
Indicator Power
Alarm/Act
PoE
10/100/1000Mbps
MAC address table 8K
Attachment desk mount
Packet buffer 5.95 Mpps
Pin assignment and polarity 1/2 (+), 3/6 (-)
Port Configuration 2 port 10/100/1000 Mbps RJ45 and 2 port Gigabit SFP
Energy consumption <5W
Output voltage Provides 2 PoE ports, up to 30W single port,Total PoE Budget 60W
Power supply VDC 48~57V, (Power supply unit is to be ordered separately)
Standards IEEE 802.3u 100-BASE-TX (Fast Ethernet)
IEEE 802.3ab 1000BASE-T (Gigabit Ethernet)
IEEE 802.3x Full Duplex and flow control
IEEE 802.3z Gigabit Ethernet over Fiber Optic
IEEE 802.3af Power over Ethernet
IEEE 802.3at Power over Ethernet Plus

Technical properties

Available variants

ArtNr.	Bezeichnung	Unique

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IGP-0432	4-Port-Gigabit-PoE-Industrial-Switch DIN-Rail -40°C to 75°C	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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