W&T
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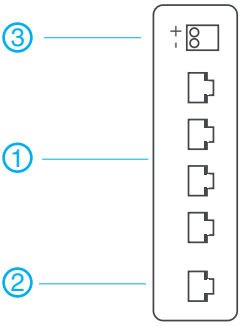
Quick Start
Ethernet Switch



Ethernet Switch Gigabit Industry PoE **55624**

1.01 07/2024

1 Introduction

These instructions will guide you through the individual steps to connect and commission your Ethernet Switch Gigabit Industry PoE.

All other information, technical data and applications for your device, can be found on the Internet via the corresponding links on the device data sheet at:

www.wut.de/55624

2 Connecting the Ethernet devices

The W&T Ethernet Switch Gigabit Industry PoE has five equal RJ45 Ethernet ports for connecting Ethernet end devices. ①

Ports 1-4 have PoE+ connections with an output power of max. 30W per port (total power: max. 60W). Port 5 is not equipped with PoE and can be used as an uplink port, for example. ②

Network:
5x 10/100/1000BT autosensing

Auto MDI/MDI-X Auto Crossover Support

IEEE 802.3 series standards: 802.3i, 802.3u, 802.3ab, 802.3x, 802.3az

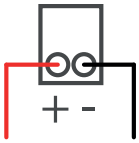
3 LED Indicators

Orange LED on: Link established 10/100Mbps
Orange LED flashes: Active connection
Green LED on: Link established 1000Mbps

4 Power supply

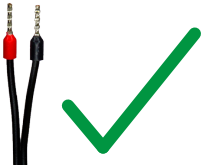
Supply with external power supply unit

The device must be supplied with an external power supply unit. To do this, connect the plus and minus wires to the terminals marked “+” and “-”.



Attention: Please do not use the W&T power supply unit types 11021/11025/11026/11027, as they cannot be easily removed due to the locking clamps on the device. Please use the 11028 plug-in power supply unit or the available DIN rail power supply units.

#11021, #11025,
#11026, #11027



#11028

5 Technical Data

Network	5x 10/100/1000BT autosensing Auto MDI/MDI-X Auto Crossover Support IEEE 802.3 series standards: 802.3i, 802.3u, 802.3ab, 802.3x, 802.3az
Supply voltage	Plug-in terminal block: DC 9V .. 30V (+/-10%)
Power consumption	@9-30V DC <2,2W (without connected PoE devices) Idle 0,64 W / Max: 2,31 W / PoE Max: 62,3 W
PoE Output	PoE Ports: 1-4 PoE standards: 802.3af and 802.3at alternative A PoE max power per port: 30W PoE max Performance budget: 60W
Housing	Metal housing for DIN rail mounting 95mm x 32mm x 115mm (L x B x H)
Protection class	IP30
Weight	ca. 400g
Ambient temperature	Operation: -40..+75°C
Permissible humidity	10..90% Relative humidity (non-condensing)

Legal information / safety instructions

Disposal

Electronic devices must not be disposed of with household waste, but must be disposed of properly.

Intended use

Ethernet Switches Industry Gigabit PoE connect two or more Ethernet devices with each other and enable them to communicate with each other. Any other use or modification of the devices described is not intended.

Electrical safety

Ethernet Switches Industry Gigabit PoE may only be used in closed and dry rooms. The device should not be exposed to high ambient temperatures and should not be operated near heat sources. Please note the restrictions with regard to the maximum ambient temperature.

The power supply unit used to supply the Ethernet Switch Industry Gigabit PoE must guarantee safe isolation of the low-voltage side from the supply network in accordance with EN62368-1 and have “LPS” properties.

EMC

Only shielded network cables may be used for the network-side connection of Ethernet Switches Industry Gigabit PoE. In this case, Ethernet Switches Industry Gigabit PoE comply with the industrial immunity limits and the stricter emission limits for households and small businesses. There are therefore no EMC-related restrictions with regard to the usability of the devices in these environments.

The declaration of conformity, further legal information and detailed safety instructions can be found in the main instructions on the relevant Internet data sheet page at https://www.wut.de/55624.

For further support please contact our team of technicians:

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