#### W&I connects

Interfaces for TCP/IP, Ethernet, RS-232, RS-485, USB, 20mA, glass and plastic fiber optic cable, http, SNMP, OPC, Modbus TCP, I/O digital, I/O analog, ISA, PCI



Data sheet:

# **Ethernet Switch Industry, 4 Ports**



Article no.: 55604

This article is no longer available and is replaced by the function-compatible article #55614! Please contact our Product Manager Mr. Thiel: +49 202/2680-110

# Networking in the control cabinet incl. 24V or PoE injection/extraction

The compact Industry-Switch connects up to four network components in the control cabinet. The Switch itself is powered via PoE or with 24-48V and can also power the connected components using PoE injection or a voltage output (PoE extraction).

# **Properties**

#### Interfaces:

• 4x Ethernet 10/100BaseT

## Management and connectivity:

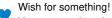
- · Port mirroring for network recordings
- · Industrial grade with
  - noise immunity in accordance with EN 61000-6-2
  - Housing for DIN rail mounting
  - Operating temperature range 0...70°C

# Power supply:

- · Special functions for PoE or 48V supply:
  - Pass-through / injection: The switch can power up to three PoE-capable terminal devices
  - Extraction: The switch decouples 24V DC / 10W from PoE for powering non-PoE devices
- External
  - Screw terminals, 24V-48V DC
  - Use as PoE injector only possible with 48V DC

## Standards & more

- Conforms to standards both in office and industrial environments:
  - High noise resistance per EN 61000-6-2
  - $\bullet~$  Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- 5 year guarantee



Your suggestions for improvement and additions

# **Example applications**

# Narrow network expander:

A nearly full control cabinet and you still have 2-3 more network terminal devices to connect? The compact, 22mm wide switch is ideal for networking Com-Servers, Web-IOs, Web-Thermographs, USB Servers or other Ethernet terminal devices.

#### Non-PoE network camera in a PoE network:

The additional power output provides up to 500mA at 24V. This means for example a non-PoE network camera can be

# **Technical data**

# Connections and displays:

Network: 1x UpLink 10/100BT autosensing (PoE capable)

3x DeviceLink 10/100BT autosensing, PoE Injection (Class 1)

configurable

Port mirroring for 1 port possible

HP Auto MDI/MDI-X and IEEE Auto Crossover support

Galvanic isolation: min. 1500 V

Power supply: Screw terminal: DC 24V .. 48V (+/-10%) or AC 18Veff .. 30Veff (+/-10%)

or Power-over-Ethernet (PoE)

Current consumption: typ. 80mA @24V DC

PoE Class 0 (0.44 - 15W depending on load)

# Housing and other data:

Housing: Plastic compact housing for top-hat rail mount

105 x 22 x 75mm (L x W x H)

Enclosure rating: IP20

Weight: approx. 200g

Ambient temperature: Storage: -40..+70°C

Operating: 0..+70°C

Permissible relative humidity: 5..95% RH (non-condensing)

Scope of delivery: 4 Port Ethernet Switch Industry

Please order power supplies as separate accessories. Use as a PoE Injector possible only with 48V DC power supply.



### We are available to you in person:

Wiesemann & Theis GmbH

Porschestr. 12 42279 Wuppertal

Phone: +49 202/2680-110 (Mon.-Fri. 8 a.m. to 5 p.m.)

Fax: +49 202/2680-265

info@wut.de

© Wiesemann & Theis GmbH, subject to mistakes and changes: Since we can make mistakes, none of our statements should be applied without verification. Please let us know of any errors or misunderstandings you find so that we can become aware of and eliminate them.

Data Privacy