

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
 - Low noise emission per EN 55032:2015 + A1 Cl. B, EN 61000-3-2 & EN 61000-3-3
- 5 year guarantee

♥ Wish for something!
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

integrated into a PoE network without the need for an additional external power supply.

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:

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