

NAME, ARTICLE NUMBER AND E-NUMBER

Name, article number and email number

Name	Item number	E-number (sv)
PoE Switch 8p 1HE	1U02PU004808OP01	51 731 53

AREA OF USE

PoE Switch 8p 1HE distributes both power and data via eight PoE ports as well as data via two LAN ports. Expandable to a total of 16 PoE ports, with a power of 30.8 W per port. It easily mounts in a 19" rack. PoE switch 8p 1HE provides control of both power supply (via PoE ports) and network data to eight devices. If necessary, you can expand the system with one card and get 16 PoE ports

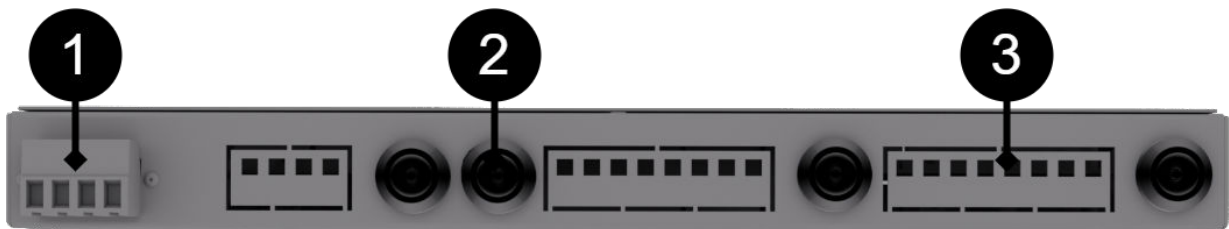
COMPONENT OVERVIEWS

Component overview



Component overview

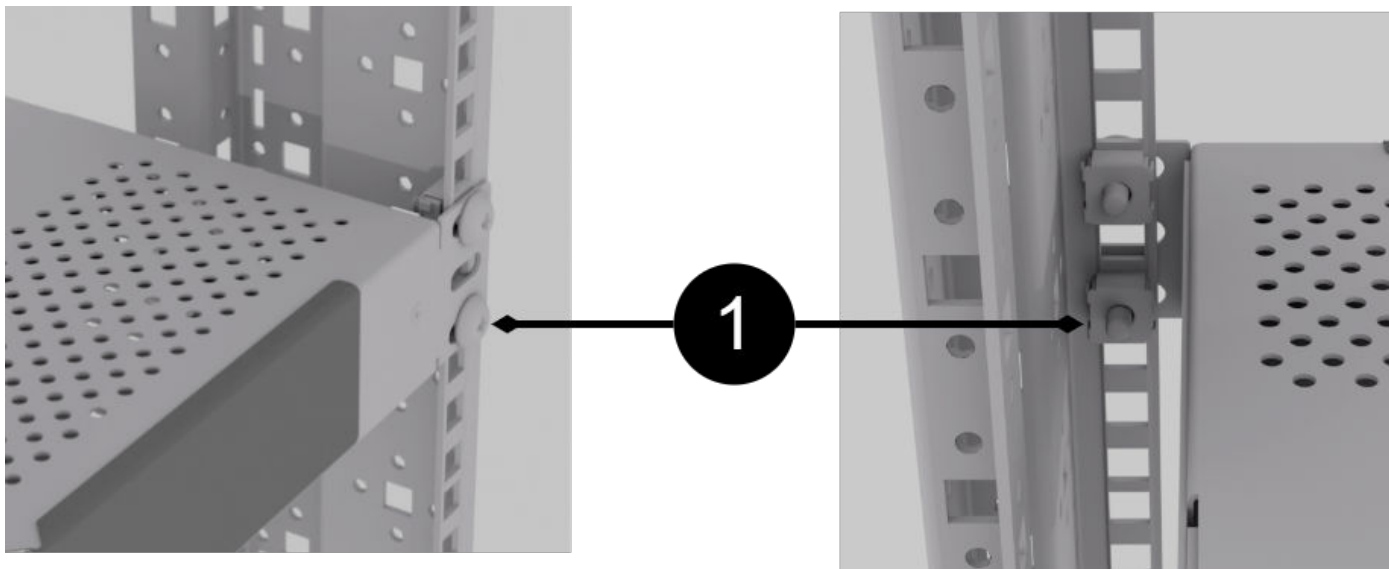
Letter	Explanation
1	Motherboard.
2	Lockable door.
3	Battery fuse



Component overview, back

No .	Explanation	Comment
1	Connection of battery cables	48yrs.
2	Load output 2	The fuse on the front is the one closest to the display.
3	Load output 1	Fuse on the front is the one closest to the corner.

MOUNTING IN 19" RACK



The unit is a height unit (44 mm) high, and should be mounted in 19" racks with two screws on each side (1).

Screw and nut for 19" rack not included.



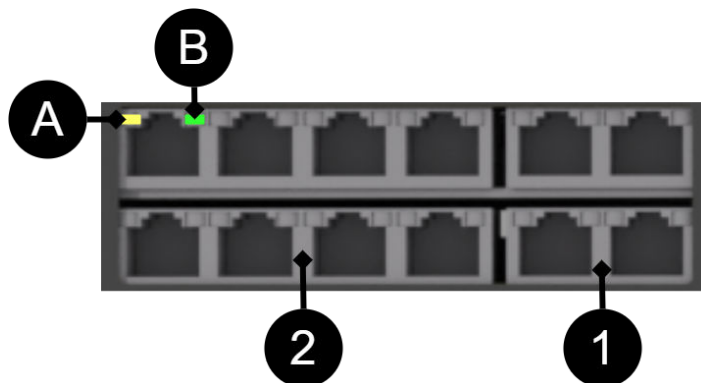
CAUTION

Leave at least 100 mm above and below for best ventilation.

PLUG INTO THIS ORDER

- Plugging in load.
- Plug in power supply, 48V.

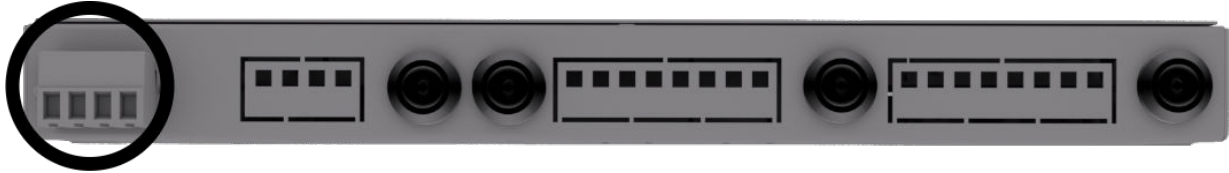
Short description for PoE switch 4p



Short description for PoE switch 4p.

No	Terminal no	Explanation
1	J5	2 pcs RJ-45 ports for data, not PoE, (powered).
2	J5	4 pcs RJ-45 powered ports for connecting PoE devices.
A	-	Indication, yellow LED lights when data is being transferred.
B	-	Indication, green LED lights up when device is plugged in. This is only an indication that the port is connected and not the connected device's status.

Plug-in - power supply



Switching on 48V takes place on the back, via the jackable terminal.

COMPATIBLE PRODUCTS

The product is compatible with all Milleteknik battery backups that supply 48V out.

PRODUCT SHEET - POWER SUPPLY / BATTERY BACKUP

[Product sheet - power supply from Milleteknik](#)

PRODUCT IMAGE



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DESIGNATION

Eight-port PoE switch in enclosure for 19" rack.

AREA OF USE

PoE Switch 8p 1HE distributes both power and data via eight PoE ports as well as data via two LAN ports. Expandable to a total of 16 PoE ports, with a power of 30.8 W per port. It easily mounts in a

19" rack. PoE switch 8p 1HE provides control of both power supply (via PoE ports) and network data to eight devices. If necessary, you can expand the system with one card and get 16 PoE ports

COMMON USES

- Power and data to security cameras.
- Connection of access points and IP telephones.
- Network management in security installations.

TECHNICAL DESCRIPTION

PoE switch for up to AT standard. Delivers 30.8W per PoE port. No 24 V load outputs are available on this unit PoE switch 8p 1HE distributes both power (via PoE ports) and data to eight devices and can be expanded to 16 ports.

VOLTAGE, CURRENT AND POWER

Voltage in: 48 IN DC.

Voltage Out: 48 IN DC.

Max power per port: 30.8 W.

Self-consumption is the power outlet the circuit board has when the system is deployed and in battery operation.

Self-consumption

Circuit Boards	Self-consumption (in battery operation)	Commentary
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OUTPUTS

Eight PoE ports for both power and data, and four LAN ports for network connectivity. No separate loading outputs

ALARM

Alarm functions are missing.

ENCLOSURE

Sheet metal box for mounting in a 19" rack stand. Powder coated black.

Dimensions, with and without packaging.

Dimensions, height x width x depth. ^a	Dimensions with packaging.
44 x 244 x 280 mm	110 x 490 x 340 mm

^aDimensions of product and packaging may differ, this is because the product may lie differently in the packaging.

Height units, fan and IP class.

HE	Built-in fan	IP class
1	Yes	IP20

WEIGHT

Weight.

Name	Net weight	Weight incl. packaging
PoE Switch 8p 1HE	1.65 kg	1.95kg

INSTALLATION REQUIREMENTS

The device is intended for fixed installation. The unit must be installed indoors, environmental class 1, ambient temperature: +5°C to +40°C.

REQUIREMENTS THAT THE PRODUCT MEETS

The product meets the following requirements.

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU
CE:	CE directive according to: 765/2008
Environment	REACH Regulation: Directive 1907/2006, WEEE Regulation: Directive 20021961E, RoHS Regulation: Directive 2015/863



NOTE

The product is part of electrical systems, is subject to the relevant electrical and safety directives and is not a machine according to the Machinery Directive (2006/42/EC).



LIMITATIONS



IMPORTANT

Note that 802.3at type2 is not supported, as the PoE card lacks a handshake function for type 2. [Read more.](#)

The product is tested and verified against Axema access systems and Dinbox access systems and is therefore recommended for use only with these systems. The product is currently not recommended for other products that have an af/at handshake procedure. The product deviates from standard IEEE 802.3af per port and IEEE 802.3at as the power is modified to be used together with Axema passer system and Dinbox passer system, which leads to shortcomings, (PoE-connected product does not start), against products that require handshake.

GUARANTEE

The product has a two-year warranty for manufacturing defects.

MANUFACTURING, LIFESPAN, ENVIRONMENTAL IMPACT AND RECYCLING

Manufactured by Milleteknik in Partille, Sweden.

The product is designed for a long service life, which reduces the environmental impact. End-of-life products are handed over to the nearest recycling centre.

[LINK TO TECHNICAL SPECIFICATIONS](#)

ABOUT THIS INFORMATION

All information is published subject to possible errors. Information is updated without prior notice.

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