

## BEFORE YOU BEGIN

### Information



#### READ THIS FIRST!

Electronics, regardless of enclosure, are intended for use in a controlled indoor environment. Mains voltage should be disconnected during installation.

It is the installer's responsibility that the system is suitable for its intended use. Only authorized persons should install and maintain the system.

All information subject to change.

Instruction manual in Swedish in original<sup>1</sup>.

### SUPPORT

Do you need help with installation or connection? Scan the QR code to read the entire manual.

350-284 \$ {/d:article [1]/@xml:lang} \$

You will find answers to many questions at: [www.milleteknik.se](http://www.milleteknik.se) go to your product to read more, download manuals and other product information.

Telephone: +46 31- 340 02 30, e-mail: [support@milleteknik.se](mailto:support@milleteknik.se).

Support is open: Monday-Thursday 08:00-16:00, Fridays 08:00-15:00. Closed 11:30-13:15.

### LINK TO THE LATEST INFORMATION

Products and software are subject to updates, you will always find the latest information on our website.

[PoE](#)

### LINK TO TECHNICAL SPECIFICATIONS

### HELP US MAKE BETTER PRODUCTS

With your help we can develop and produce better products, please fill in our form [customer satisfaction survey](#).

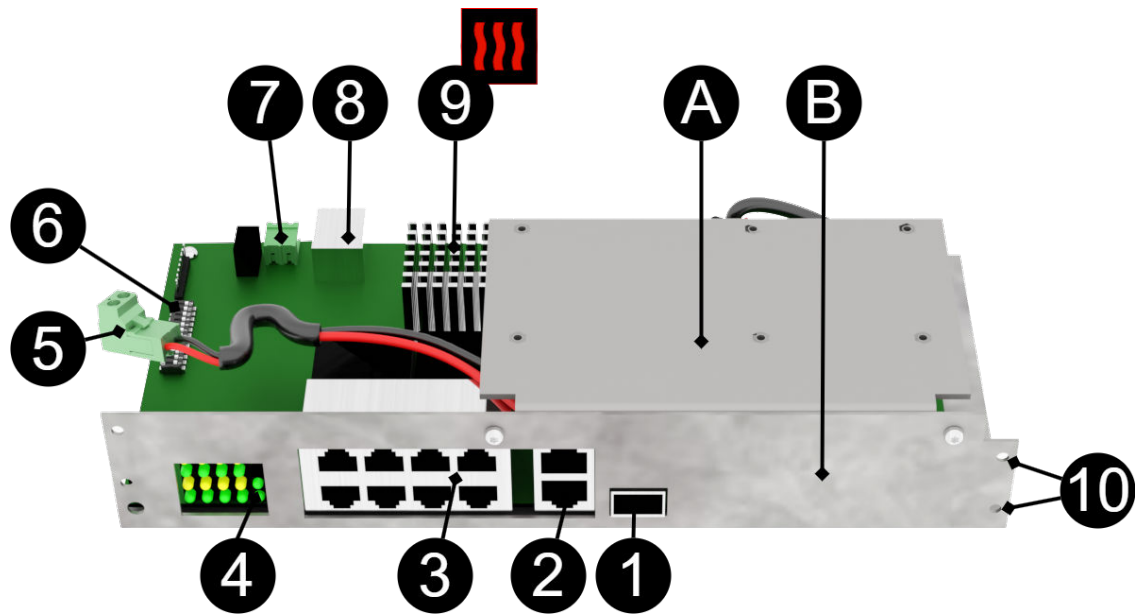
## ABOUT POE FROM MILLETEKNIK

The series is designed to power PoE devices such as access systems, surveillance cameras and other equipment that can be operated with Power over Ethernet.

<sup>1</sup>Translations in languages other than Swedish are only indicative and have not been verified. Translation must always be checked against the Swedish original to ensure correct information.

The PoE Switch 8p Expansion kit is for expanding the number of PoE connections in PoE switch 8p FLX L. Max two additional cards can be mounted for a total of 24 PoE ports. Read the PoE Device Software Setup Manual in the PoE Switch, or download from <https://www.milletechnik.se/produkt/poe-m-switch-8p-flx-m/>

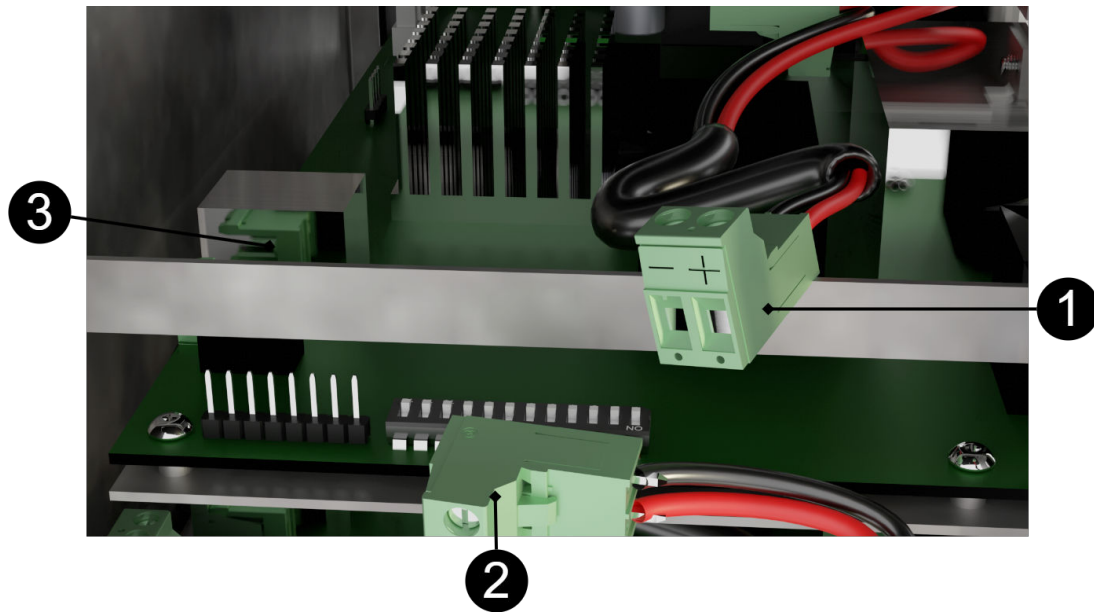
SHORT DESCRIPTION



Component Overview

Number/Letter	Explanation
1	SFP interface.
2	2 pcs. RJ45 ports for data
3	8 pcs. RJ-45 powered PoE ports for connecting PoE devices
4	Indication diodes, LEDs light up when external PoE is connected.
5	Connection to the power supply from the motherboard of the device.
6	DIP switch 1-12. Turns off alarms from PoE ports. Factory mode is OFF. Not normally used.
7	Alarm output.
8	Not normally used.
9	Heatsink, cables must not lie above the heatsink. Attention hot!
10	Mounting holes for mounting in battery backup.
A	Boost card, 24 V to 48 V to power PoE.
B	Sheet metal sled, pushed into battery backup.

## SWITCHING IN - POWER SUPPLY AND ALARM



Switching power supply and alarm

No.	Explanation
1	Pair with power supply from motherboard, B.
2	Power supply from motherboard.
3	Alarm, NC.

FITTING



Fitting

No.	Explanation.
1	Slide in sheet metal.
2	Screw on.



## PRODUCT SHEET - POWER SUPPLY / BATTERY BACKUP

Product sheet - power supply from Milleteknik

PRODUCT IMAGE



## NAME, ARTICLE NUMBER AND E-NUMBER

Name, article number and email number

Name	Item number	E-number (sv)
PoE Switch 8p Expansion Kit	OT00008PM01	51 730 95

## DESIGNATION

The PoE Switch 8p Expansion kit increases the number of PoE connections by eight more in the PoE switch 8p FLX L.

## AREA OF USE

Used to increase the number of PoE ports in the PoE Switch Managed 8p FLX L.

## VOLTAGE, CURRENT AND POWER

Voltage Out: 27.3 V DC, (24 V).

Max power per port: 30.8 W.

PoE budget: 320 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
PoE Switch 8p Expansion Kit	data is missing	

## OUTPUTS

Eight PoE ports and two LAN ports.

## ALARM

Adjustable alarm for disconnected PoE device.

## INDICATIONS AND COMMUNICATION

LED that shows whether the PoE device is connected and whether data is being transferred.

## ENCLOSURE

The product lacks an enclosure and is mounted in an existing enclosure.

Dimensions, with and without packaging.

Dimensions, height x width x depth. <sup>a</sup>	Dimensions with packaging.
45 x 225 x 125 mm.	120 x 215 x 165 mm.

<sup>a</sup>Dimensions 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
The product lacks an enclosure		

## WEIGHT

Weight.

Name	Net weight	Weight incl. packaging
PoE Switch 8p Expansion Kit	0.85 kg	1.0 kg

## 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. Recommended ambient temperature is +15°C to +25°C (for optimal battery life).

The card can only be installed in the PoE Switch Managed 8p FLX L.

## REQUIREMENTS THAT THE PRODUCT MEETS

The product meets the following requirements.

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU
PoE:	IEEE 802.3af, IEEE 802.3at/30.8 W Note that 802.3at type2 is not supported, as the PoE card lacks a handshake function for type 2.
CE:	CE directive according to: 765/2008



### 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).



## GUARANTEE

The product has a two-year warranty for manufacturing defects. Batteries and wearing parts are not covered by warranty.

## MANUFACTURING, LIFESPAN, ENVIRONMENTAL IMPACT AND RECYCLING

Manufactured by Milleteknik in Partille, Sweden.

The product is designed and constructed for a long service life, which reduces the environmental impact. The life of the product (except wearing parts) depends on, among other things, environmental factors, mainly ambient temperature, unforeseen load on components such as lightning strikes, external impact, handling errors, etc. Products are recycled, simply because they are modular, by being left at the nearest recycling station or sent back to the manufacturer.<sup>2</sup>Contact your distributor for more information.

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 THE LATEST INFORMATION**

Products and software are subject to updates, you will always find the latest information on our website.

**PoE**

**LINK TO TECHNICAL SPECIFICATIONS**

**MISCELLANEOUS**

Max power PoE.

-	PoE	Poe+	PoE++
Official name	IEEE 802.3af	IEEE 802.3at	IEEE 802.3bt
Maximum power	13 W	25 W	71 W
Compatible <sup>a</sup>	-	PoE	PoE, PoE+

<sup>a</sup>The power supply follows "up", but not "down". A PoE can never power a PoE+/PoE++ device that requires more than 13 W.

**ABOUT THIS INFORMATION**

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

Publication date 2025-04-29

<sup>2</sup>Costs incurred in connection with recycling are not reimbursed.