

[SV] PRODUKTBLAD - STRÖMFÖRSÖRJNING / BATTERIBACKUP FRÅN MILLETEKNIK

Description

Primary switched four-port PoE power supply with battery backup, 48 V, 320 W, with room for four 14 Ah batteries.

PoE product data sheet / technical data

PoE Switch 4p FLX M+



PoE switch with 4 PoE ports.

Name, article number and e-number

Name	Article number	E-number (SV)
PoE Switch 4p/8p FLX M+	FM01C10048P05004PU	5171953

More information



PoE switch 4p FLX M+

Power supply with backup power to power PoE devices such as surveillance cameras and other PoE powered devices. The power supply has batteries that keep powering on when the power grid goes down. Long life, energy efficient and support is available if something goes wrong, now or in 10 years.

Voltage, current and power

Voltage out: 54.6 VDC

Current: 2.5 A

Charging current: max. 0.5 A

Power: 336 W.

Max power per port: 30.8 W.

Battery and battery type

4 pieces 14 Ah battery.

Battery type: 12 V, maintenance-free AGM lead-acid battery. Batteries not included.

Load outputs

PoE switch can drive load. Load output to drive other applications is missing.

Alarm

Alarm, one output, for delayed mains failure alarm (52.8V) or low battery voltage (48V).

Protection

Protection against overload, overvoltage, overtemperature, short circuit and deep discharge.

Controlled charging of batteries protects against overcharging and extends the life of batteries. Batteries are charged with a maximum of 0.5 A.

Fuses

Mains fuse: T2.5A.

Load fuses: Fuse on supply to PoE switch: T5A.

Battery fuse: T16A.

Indications and communication

LED displays information and alarms on the circuit board and on the enclosure door.

PoE power supply cannot communicate via protocol (RS-485/I²C) to UC.

Enclosure

Sheet metal cabinet for wall mounting or in a 19" rack cabinet (5 HE). Powder-coated black. Four cable entries on the top and outlet holes on the back. Cable tie holder in enclosure.

Dimensions, height x width x depth	IP class
224 x 437 x 212 mm	IP32

Weight

Name	Net weight	Weight incl. packaging
PoE switch 4p FLX M+	8 kg	10 kg

Installation requirements

The device is intended for fixed installation.

The unit must be installed indoors, class 1. Ambient temperature: +5°C – 40°C.

Requirements that the product meets

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU EN 60950-1
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



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.

Manufacturing, country of manufacture, lifespan, environmental impact and recycling

Manufactured in Milleteknik's factory in Partille, Sweden.

The product is designed and constructed for a long service life, which reduces the environmental impact. The product's service life depends on, among other things, environmental factors, mainly ambient temperature, unforeseen load on components such as lightning strikes, external damage, handling errors, and more. Products are recycled by being handed over to the nearest recycling station or sent back to the manufacturer. Contact your distributor for more information. Costs that arise in connection with recycling are not reimbursed.



Link to the latest information

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

PoE series

All information is published subject to errors.

Guarantee

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

Expandable, options and accessories

The product can be expanded with an expansion card for more PoE ports.