

PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

PoE



Name, article number and e-number

Name, article number and email number.

| Name | Article number | E-number (SE) |
|------------------------|---------------------|---------------|
| PoE Switch 8p PS OUT S | PL02P00048P050P-UTS | 51 73 418 |

Area of use

Power supply to power PoE devices such as surveillance cameras and other PoE powered devices.

Long life, energy efficient and support is available if something goes wrong, now or in 10 years.

Common uses

- Supports IP cameras, readers, door centers and other networked security devices
- Power and data distribution over a single network cable for simplified installation.
- Used to power IP-based access systems where both data and power go through network cabinets.

Technical description

PoE switch with eight PoE fed ports and two LAN ports and one sfp port. Power supplies power PoE cards. The device lacks batteries, so backup power in case of power failure is not possible

Voltage, current and power

Mains voltage: 230 V AC - 240 V AC, 47 Hz - 63 Hz.

Power: 240W and 30.8W per port. 48V power supply directly from power supply.

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) | Comments |
|----------------|---|----------|
| | | |

[sv] Extra utspänning, 24 V, 8,5 A / 200W.

Load outputs

PoE switch can drive load to PoE devices and external power supply can drive one (1) 24 V load output to power other applications.

Protection

Protection against: Overvoltage, overtemperature and short circuit.

Indications and communication

Communication via software in switch. Indications on LEDs on switch

Enclosure

Box in fiberglass reinforced acrylic plastic.

Dimensions, with and without packaging.

| Dimensions, height x width x depth. ^a | Dimensions with packaging. |
|--|----------------------------|
| 300 x 250 x 141 mm. | 515 x 415 x 308 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 |
|------------------|--------------|----------|
| 7 ^a . | No | IP20 |

^aCannot be mounted in a 19" rack.

Weight

Weight.

| Name | Net weight | Weight incl. packaging |
|------------------------|------------|------------------------|
| PoE Switch 8p PS OUT S | - | - |

Installation requirements

The device is intended for fixed installation. Ambient temperature: - 15°C to +35°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: | EC Directive in force: 765/2008 |
| Emissions: | |

| | |
|---------------------|---|
| Immunity: | EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11 SS-EN 50 130-4:2011 Edition 2, EN50131-6 |
| Machinery Directive | 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). |
| Ecodesign | Milleteknik's products are intended for professional use and are therefore not directly covered by the Ecodesign Regulation (EU 2019/1782). As some components may be covered, we nevertheless disclose relevant information to give our customers confidence in their choice |

| Efficiency (%) ^a : | Standby consumption, typical (W): |
|-------------------------------|-----------------------------------|
| 93%, 94% | 0.5W, 0.5W |

^aAt rated load.



Guarantee

The product has a two-year warranty for manufacturing defects. Components that are manufactured by a manufacturer other than Milleteknik are not covered by Milleteknik's warranty.

Expandable, options and accessories

The product cannot be expanded.

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

LINKS TO MANUALS AND PRODUCT SHEETS

You can find manuals and product sheets at: www.milleteknik.se The QR code below takes you to the product page.

| Name | Dimensions | Batteries that fit | Link |
|------|------------|--------------------|------|
|------|------------|--------------------|------|

Batteries are only included if specified, otherwise batteries will need to be purchased separately.

Miscellaneous

The difference between PoE, PoE+ and PoE++.

Max power PoE.

| - | PoE | Poe+ | PoE++ |
|-------------------------|-----|------|-----------|
| Compatible ^a | - | PoE | PoE, PoE+ |

| - | PoE | Poe+ | PoE++ |
|---------------|--------------|--------------|--------------|
| Official name | IEEE 802.3af | IEEE 802.3at | IEEE 802.3bt |
| Maximum power | 13 W | 25 W | 71 W |

^aThe 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.

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