

POE TECHNICAL SPECIFICATIONS

PoE injector 1p S



PoE injector with 1 port.

Technical specifications

These technical specifications are subject to change without notice.

Name, article number and e-number

Name	Article number	E-number (SV)
PoE injector 1p S	SM01000012P02001PU	5171950

More information



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.

POE INJECTOR 1P S

PoE Injector is used when the distance between PoE device and connection (switch) is too long. The PoE injector is a power injector that makes it possible to power PoE devices at longer distances. The battery in the unit continues to power the injector when the steady power supply is lost. The product must be used indoors and is not suitable for outdoor use.

Power over Ethernet from Milleteknik

- PoE for security applications.
- Proven, reliable technology.
- For fixed installation.
- Swedish made.

Areas of use

- Power supply for camera surveillance and other applications that can be powered by PoE.
- To boost PoE powered devices.

Fixed installation

The product is intended for fixed installation. The battery backup must be installed by a qualified installer.

Battery types

The ECO series can be used with AGM batteries. Do not mix types of batteries, brand or used and new batteries.

REGULATIONS AND CERTIFICATIONS

Requirements that the product meets

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



EXPECTED OPERATING TIME IN THE EVENT OF A POWER FAILURE (WITH NEW BATTERIES)

PoE	Bat-tery	Power 15.4 W	Power 30.8 W	Power 62 W	Power 90 W	Power 100 W	Power 120 W	Power 180W	Power 240 W
PoE in-jector 1p S (12 V)	1 psc 7.2 Ah	3 h 50 min.	1 hour 40 mi- nutes	-	-	-	-	-	-

CIRCUIT BOARDS - TECHNICAL DATA

Technical data: PoE card

Prod-uct	Num-ber of PoE / LAN ports	Max power per port	PoE, contin-uous power	Ether-net type	Net-work ports	Interface	Func-tions	Type, injec-tor and switch
PoE in-jector 1p S	1/1	30,8 @ 54,6 V DC	30,8 W	Fast Ethernet Mbit PoE switch	10 / 100 PoE	1000Base-T RJ-45	Auto-ne-gotiation, Auto-up-link (auto MDI/MDI- X)	Unman-aged. There is no soft- ware inter- face to con- trol the switch.

The product lacks advanced control electronics

This product does not have a motherboard.

POWER SUPPLY

Power supply - Technical Data LRS-75-12

In:	
Info	Explanation
Output voltage	13.6 V
Output current	0 A - 6 A
Output voltage, ripple	120 mVp-p
Overvoltage	13.8 V - 16.2 V

Info	Explanation
Voltage recharge, ripple / current limitation	Less than 0.6 Vp-p
Efficiency	84.5%
Current limitation	110% - 180%
Constant voltage	+/- 1.0%
Regulatory accuracy	+ / - 0.5%
Input current (230 V)	1,2 A
Mains voltage frequency	47 Hz- 63 Hz
Mains voltage	85 V AC - 264 V AC
Brand effect	25,2 W
Temperature range	-30°C - +70°C
Humidity range	20% - 90% RH non-condensed
<p>The power supply is adapted and calibrated with the battery / hardware of the battery backup. Only power and calibrated power supplies may be used. Contact support when changing power supplies. Use of power supplies coming from another source may cause damage not covered by the warranty. Warranty is canceled if power supplies (from a source other than support / designated by support) that are not correctly calibrated are used.</p>	

TECHNICAL DATA ENCLOSURES

Enclosures - Technical Data S

Info	Explanation
Name	S
Enclosure class	IP 20
Measure	Height: 230 mm, width: 216 mm, depth: 85 mm.
Height units	-
Mounting	Wall
Ambient temperature	+ 5 ° C - + 40 ° C. For best battery life: + 15 ° C to + 25 ° C.
Environment	Environmental class 1, indoors. 20% ~ 90% relative humidity
Material	Powder coated sheet
Color	White
Cable entries, number	3
Batteries that fit	1 pc 12 V 2.3 Ah or 2 pcs 12 V 2.3 Ah or 1 pcs 12 V, 7.2 Ah.
Place for fan	No

LINK TO THE LATEST INFORMATION

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

PoE

All information is published with the reservation of possible errors.

WARRANTY, SUPPORT, COUNTRY OF MANUFACTURE AND COUNTRY OF ORIGIN

Warranty

The product has a two-year warranty, from the date of purchase (unless otherwise agreed). Support during the warranty period can be reached at support@milleteknik.se or telephone, +46 31-34 00 230. Compensation for travel and / or working hours in connection with locating faults, installing repaired or replaced goods is not included in the warranty. Contact Milleteknik for more information. Milleteknik provides support during the product's lifetime, however, no later than 10 years after the date of purchase.

Switching to an equivalent product may occur if Milleteknik deems that repair is not possible. Support costs may (at Milleteknik's discretion) occur after the warranty period has expired.

Support

Do you need help with installation or connections? Our support phone is available: Monday-Thursday 08: 00-16: 00 and Fridays 08: 00-15: 00. Telephone support is closed between 11: 30-13: 15.

You can also send e-mail, we respond, on weekdays, usually in 24 hours.

Phone: +46 31-340 02 30

SPARE PARTS

Support handles questions about spare parts, see contact information above.

Country of manufacture

Country of manufacture / country of origin is Sweden. For more information, contact your seller.

Designed and produced by: Milleteknik AB

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BATTERIES - RECOMMENDED, NOT INCLUDED

Batteries are not included they are sold separately

Batteries are sold separately.

7.2 Ah, 12 V AGM battery

Fits in	Number of batteries	
PoE injector 1p S	1	

Battery type	V	Ah
Maintenance-free AGM, lead-acid battery.	12 V	7.2 Ah

10+ Design life * battery

Article number	E-number	Article name	Terminal	Measure. Height width depth	Weight per piece	Make
MT113-12V07-01	5230536	UPLUS 12V 7.2Ah 10+ Design Life battery	Flat pin 6.3 mm	151 x 65 x 100 mm.	2.4 kg	UPLUS

* Design Life is the durability this year for unused battery. Environmental factors such as heat and load affect service life. Batteries that have a durability (+10 Design Life) of 10+ years usually need to be replaced after 4-5 years.