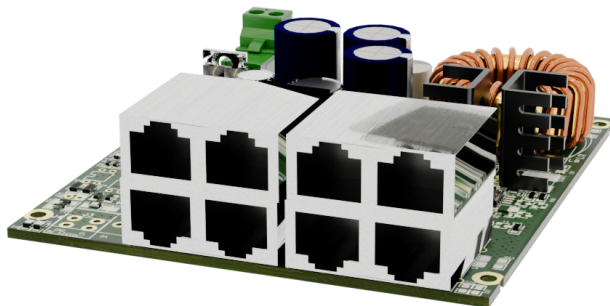


Product Identification

Table 1. Product designation, Part Number and E-Number

Product designation	Item No.	E-number (SE) (sv)
PoE injector 4P expansion kit for 1U02	A-OT002404PI01	51 731 56

Product image



Area of use

The PoE injector 4P expansion kit for 1U02 feeds up to four devices with both power and data via PoE ports, without separate load outputs. Easily mounted in PoE injector 4p 1HE. Supply: 24 V in, output voltage: 48 V DC via PoE ports. Need more ports? Plug in up to three devices for a total of 12 PoE outputs

Installation and commissioning

Instructions for installation and commissioning.

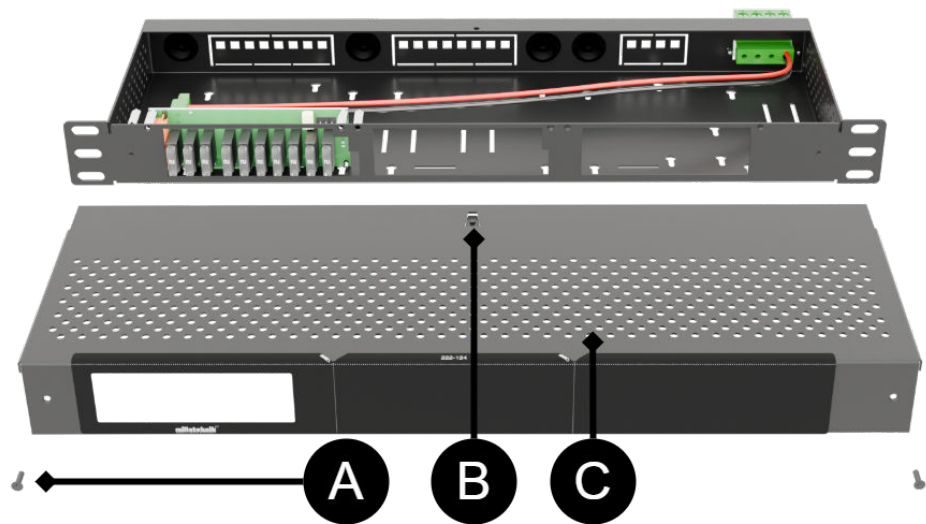
Instruction No: 350-290

Install the option in 1HE

Open the lid

Load is plugged in at the back. To reach the jackable terminals, the cover needs to be removed.

- Unscrew the two screws on the front of the lid.
- Press down with a screwdriver on the cap (B) while pushing out the cover.



Configuration varies but the cover is removed in the same way.

Table 2. Removing the cap on 1HE

Letter	Explanation
A	Screw.
B	Glue/fastener in lid and bottom.
C	Lid.

Mount the card in enclosure

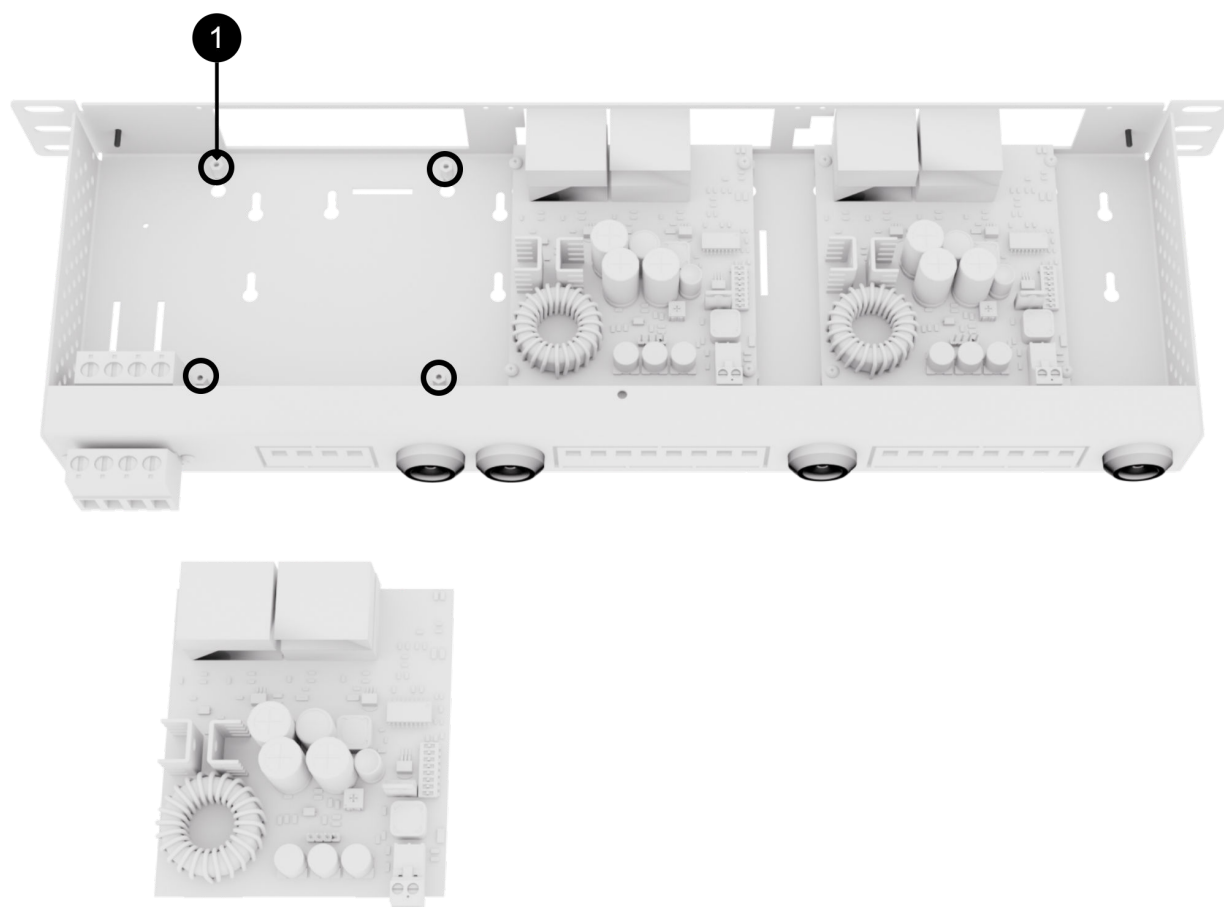


Table 3. Mount the card in enclosure

No.	Explanation
1	Mount the board on spacers. Screw and spacers are provided in the included pouch

Plug into this order

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

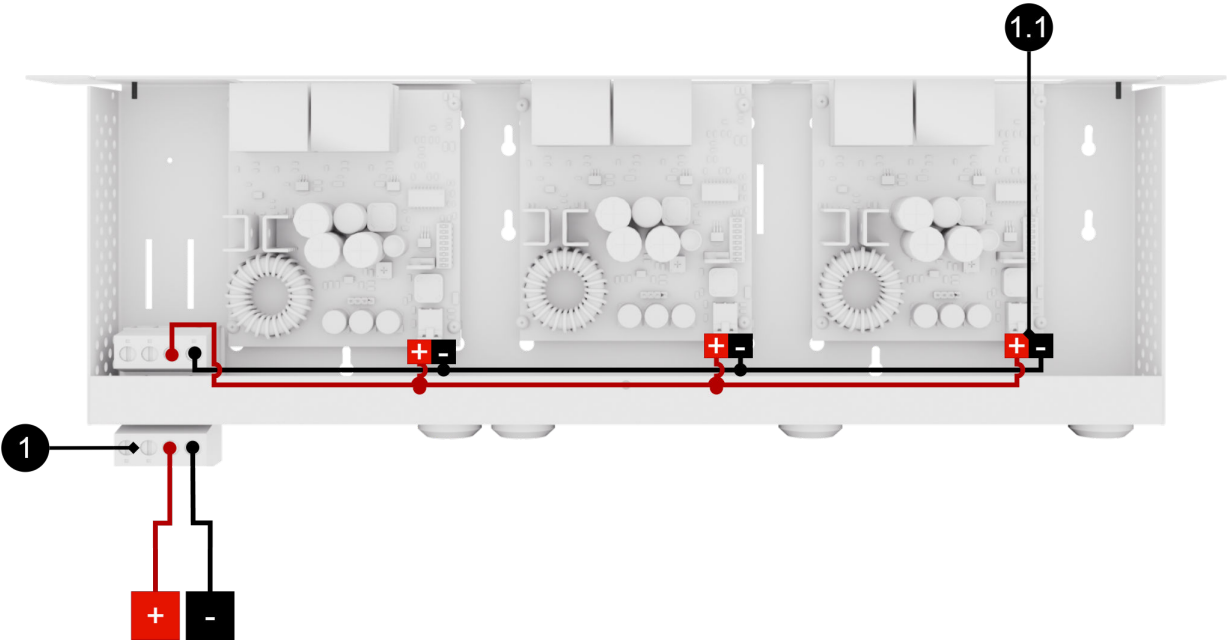


Table 4. Plug-in

No.	Explanation
1 & 1.1	Plug in power supply, .

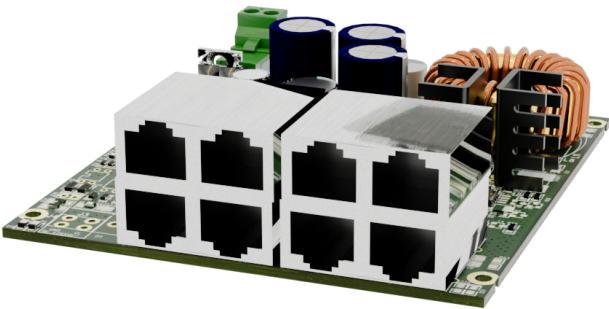
Compatible Products

The product is compatible with all Milletechnik battery backups that supply out.

Product data sheet

Product Sheet

Product image



Product Identification

Table 5. Product designation, Part Number and E-Number

Product designation	Item No.	E-number (SE) (sv)
PoE injector 4P expansion kit for 1U02	A-OT002404PI01	51 731 56

Designation

Extends PoE injector 4p 1HE with four ports.

Area of use

The PoE injector 4P expansion kit for 1U02 feeds up to four devices with both power and data via PoE ports, without separate load outputs. Easily mounted in PoE injector 4p 1HE. Supply: 24 V in, output voltage: 48 V DC via PoE ports. Need more ports? Plug in up to three devices for a total of 12 PoE outputs

Common uses

- Power supply for CCTV cameras where PoE support is missing.
- Extension of network capacity for security systems.
- Adds PoE function to network connectivity.
- Operation of wireless access points.

Technical description

PoE injector 48 V. Four inputs and four outputs. Can be expanded to a total of 12 PoE ports if required.

Voltage, current and power

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

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.

Table 6. Self-consumption

Circuit Boards	Self-consumption (in battery operation)	Comments
PoE switch 4p expansion kit	28 mA	
PoE injector 4p	87 mA	

Outputs

Four PoE ports and two LAN ports.

Weight

Table 7. Weight.

Name	Net weight	Weight incl. packaging
PoE injector 4P expansion kit for 1U02	0.3 kg	0.4 kg

Installation requirements

Can only be installed in PoE injector 4p 1HE

Requirements that the product meets

Table 8. The product meets the following requirements.

EMC:	EMC Directive 2014/30/EU	
Electricity:	Low Voltage Directive 2014/35/EU	
CE marking:	Regulation (EC) No 765/2008	
Environment	REACH: The product complies with REACH Regulation (EC) No 1907/2006. RoHS Directive 2011/65/EU, including amendment (EU) 2015/863 SCIP: registered under the EU Waste Directive where applicable, (2008/98/EC). WEEE: The product contains electrical components or wiring and is covered by the WEEE Directive (2012/19/EU). End-of-life products must be returned to a recycling centre Batteries: If the product is supplied with batteries, it is covered by the Battery Regulation (2023/1542). Expired batteries must be removed from the product and returned to a recycling centre	
Machinery Di- rective	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	Milletechnik'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	
Denomination	Efficiency (%) ^a	Standby consumption, typical (W):

^aAt rated load.



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

Miscellaneous

Table 9. Max power PoE.

-	PoE	Poe+	PoE++
Compatible ^a	-	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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