EN

ECO Mini

Battery backup

350-266
Publication date 2025-07-11
ECO Mini3

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1. ABOUT

ECO 24V 1A Mini is a flexible battery backup for use in controlling loads that require a simple and reliable battery backup. Two 1.2 Ah batteries are included.[1].

1.1. Name, article number and e-number

Table 1. Name, article number and email number.

Name	Article number	E-number (SV)
ECO 24V 1A Mini	MI01C10324P010B01	52 137 46

1.2. Enclosures

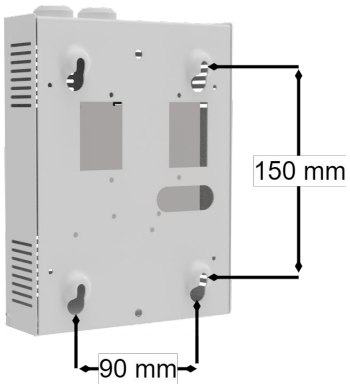
1.2.1. Mounting

Use the appropriate screw for mounting on the wall, Screw for mounting on the wall is not included.

1.2.2. Wall mounting

Distance between screw head and wall should be 1.5–2 mm. Preferably leave a 100 mm air gap around the unit.

[1]Batteries are not covered by the product's warranty.



2. INSTALLATION AND COMMISSIONING

Instruction No:350-266 $ {//d:article [1]/@xml:lang} $

3. COMPONENT OVERVIEWS

3.1. Component overview ECO 24V 1A S

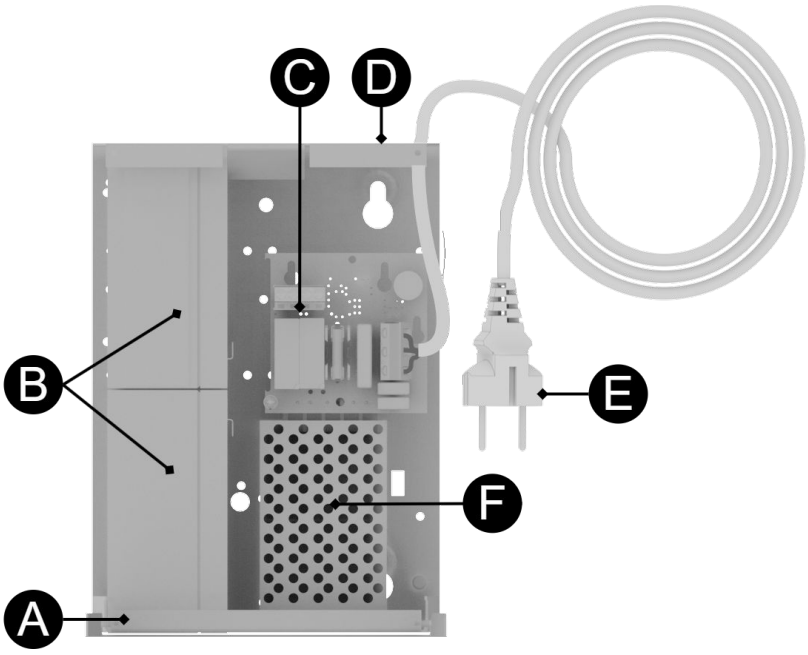


Table 2. Component overview

Letter	Explanation
A	Cabinet in powder-coated sheet metal.
B	Batteries.
C	Motherboard.

Letter	Explanation
D	Cable entries.
E	230 V cable with plug.
F	Power supply.

4. TECHNICAL DATA: CEO 3

Figure 1. ECO Mini3

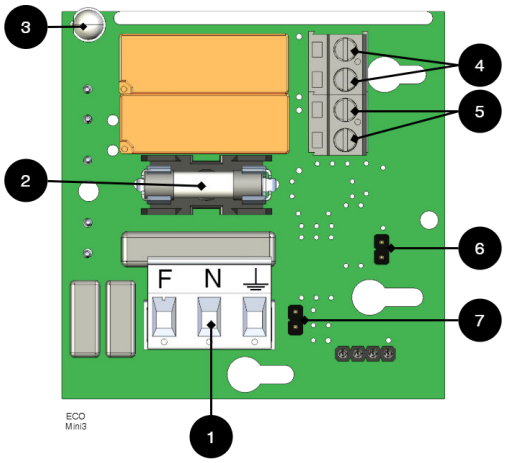


Table 3. Connections

Nr	In short	Explanation
1	P1: 1-3	Connection to mains, 230 V.
2	F6	Load securing: T2A.
3	D1	Indicator diode, see table below.
4	P2: 3-4	Control of load output. Shipped assembled with jumper. If the jumper is removed, the load output is switched off (de-energized). NC when bridging. Current through circuit is max 100 mA.
5	P2: 1-2	Connect load.
6	JU2	JU2 with jumper = 24.0 V. JU 2 without jumper = 26.5 V. The unit is delivered without jumper on JU2.
7	JU1	JU1 with jumper = alarm on buzzer. The unit is delivered with jumper on JU1. The device is delivered without a buzzer. JU1 without jumper = No alarm on buzzer.

Table 4. Indications and alarms

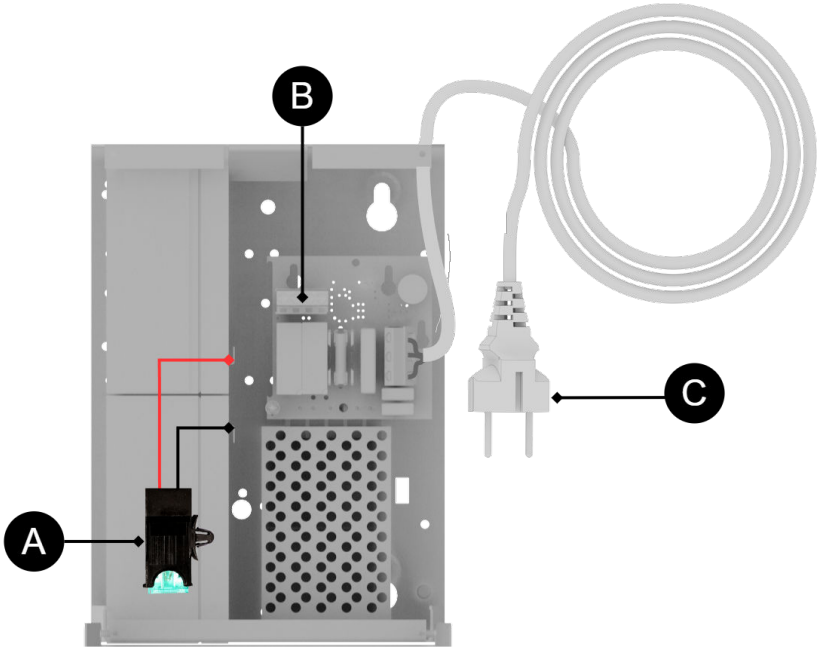
Nr	In short	Indicator diode	Buzzer	Explanation
3	D1	Green	No	OK - normal operation.
		Yellow / orange	Yes if JU1 has a jumper.	Power failure / low battery voltage. Controlled via jumper on JU2.
		RED	Yes if JU1 has a jumper.	Triggered load securing

4.1. Connect batteries ECO Mini

The unit comes with batteries.

Attach battery fuse between batteries.

5. COMMISSIONING - HOW TO START THE UNIT



After connection, start-up must take place in the following steps:

Table 5. Commissioning

Step	Explanation
A	Insert the fuse into the fuse holder.
B	Connect load, alarm and other connections.
C	Connect mains. Screw the mains cable into the terminal block and attach the terminal block to the motherboard.

5.1. Manufacturer

Milleteknik AB
Ögärdesvägen 8 B
S-433 30 Partille
031-34 00 230
www.milleteknik.se

Name	Article number	The article number of the manual
ECO 24V 1A Mini	MI01C10324P010B01	350-266

6. ABOUT THIS INFORMATION

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

Publication date 2025-07-11

7. ABOUT TRANSLATION OF THIS DOCUMENT

User manual and other documents are in the original language in Swedish. Other languages may be machine translated and/or not reviewed, errors may occur.

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