PRODUCT SHEET - POWER SUPPLY FROM MILLETEKNIK

NEO Battery backup with more alarm functions

NEO FLX S

NEO FLX S is mounted on a wall or in a 19" rack.

NEO - Name, article number and e-number

Name, article number and email number

Name	Article number	E-number (SV)
NEO 24V 5A FLX S	FS01N10224P050	52 136 92
NEO 24V 10A FLX S	FS01N10224P100	52 136 93

Description

Primary switched battery backup, 24 V, 5 A, with room for two 7.2 Ah or two 14 Ah batteries.

Primary switched battery backup, 24 V, 10 A, with room for two 7.2 Ah or two 14 Ah batteries.

Area of use

NEO supplies power to access systems, alarm systems or other security products in a building that are powered by 24 V DC. The rectifier in the power supply converts 230 V DC down to 24 V DC.

Batteries drive, for example, the access system, 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

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

Voltage out: 27.3 VDC, (24 V).

Charging current: 5 A. 4 A.

Power outlet: 5A. 10 A.

Load outputs

Two load outputs.

Alarm

Alarms are given for: Delayed power failure alarm or low battery voltage, disconnected batteries, fuse failure and overcharging of batteries.

Fuses

Mains fuse: 2.5 A.

Load securing: 5 A. 10 A.

Battery fuse: 16 A and 30 A.

Battery and battery type

Battery type: 12 V, AGM lead-acid battery, maintenance-free. Batteries not included. Battery sizes must not be mixed.[1].

2 pieces 7.2 Ah battery.

2 pieces, 14 Ah, battery.

Backup operating time on batteries

The reserve operating time in battery operation depends on how large a load is connected to the power supply. If the load varies, as with frequent opening of door locks, the time that batteries can continue to power the security system decreases. To get an estimate of reserve operating times see: www.milleteknik.se/Manualer/FaQ/Reservdrifttider/

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, with and without packaging.

Dimensions, height x width x depth.[a.]	Dimensions with packaging.
224 x 437 x 212 mm	260 x 480 x 250 mm

[a.]Dimensions 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
6		IP32

[1]The number of batteries listed represents the maximum number that the device can handle at the same time. If multiple battery sizes are specified, this means that the device can only accommodate one battery size at a time.

Weight

Weight.

Name	Net weight	Weight incl. packaging
Battery backup NEO 24V10A FLX S	6.5 kg	7.5 kg
Battery backup NEO 24V5A FLX S	5.5 kg	6.5 kg

Installation requirements

The device is intended for fixed installation. The unit must be installed indoors, environmental class 1, ambient temperature: +5°C to +40°C. Recommended ambient temperature is +15°C to +25°C (for optimal battery life).

Requirements that the product meets

The product meets the following requirements.

EMC:	EMC Directive 2014 / 30EU
Electricity:	Low voltage directive: 2014/35 / EU
CE:	CE directive according to: 765/2008
Emission:	EN61000-6-: 2001 EN55022: 1998: -A1: 2000, A2: 2003 Klass B, EN61000-3-2: 2001
Immunity:	EN61000-6-2:2005, EN61000-4-2, -3, 4, -5, -6, -11

CE

Guarantee

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

Expandable, options and accessories

The produckt can be expanded with two pieces: 2+2 Output module or 5 Output module or 10 Output Module or 8 Output control module or Fire module 4 outputs or Voltage Converter 24V-12V 2A or Voltage Converter 24V-12V 6A.

Tamper switch

Manufacturing, lifespan, environmental impact and recycling

Manufactured by Milleteknik in Partille, Sweden.

The product is designed and constructed for a long service life, which reduces the environmental impact. The life of the product (except wearing parts) depends on, among other things, environmental factors, mainly ambient temperature, unforeseen load on components such as lightning strikes, external impact, handling errors, etc. Products are recycled, simply because they are modular, by being left at the nearest recycling station or sent back to the manufacturer.[2]Contact your distributor for more information.

Link to the latest information

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

NEO

About this information

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

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[2]Costs incurred in connection with recycling are not reimbursed.