

PRODUCTION NOTICE

Milleteknik launches three new battery backups with advanced PoE switch.

DESCRIPTION

The market's first battery backup that can handle the PoE+ standard IEEE 802.3at, (30.8 W). Software-controlled switch with, among other things, load balancing and controllable ports. The same output voltage, always 48 V, regardless of the discharge of the batteries, which means that the entire battery capacity can be used. An additional load output, 24 V, is available for operation of other safety applications.

Flexible and the reserve operating time can be extended with our battery box, Batterybox 24 V FLX M.

The product is available in three configurations:

PoE M-switch 4p FLX M - Builds on the NEO platform and has four PoE ports with managed switch.

PoE M-switch 8p FLX M - Builds on the NEO platform and has eight PoE ports with managed switch.

PoE M-switch 16p FLX M - Builds on the NEO platform and has 16 PoE ports with managed switch.

Availability

The products are available at SEG and for sale from 2/10-2023.

Delivery time is 3-5 working days.

The delivery time increases if the number of units ordered is more than 10.

Place in the product portfolio

PoE with managed switch takes the top spot among our PoE devices as it fully complies with the IEEE 802.3at standard.

With PoE with managed switch, Milleteknik's product portfolio in terms of PoE devices with battery backup is complete.

PoE

PoE Switch 4p FLX M+



Managed PoE switch with 4 PoE Ports.

PoE switch with 8 PoE ports.

PoE switch with 16 PoE ports.

NAME, ARTICLE NUMBER AND E-NUMBER

Name	Article number	E-number (SV)
PoE M-Switch 4p FLM	FM01N10224P01004PM	51 728 96
PoE Switch 8p FLX M	FM01N10224P01008PM	51 728 97
PoE Switch 16p FLX M	FM01N10224P01016PM	51 728 98

AMA TEXTS: POE - POWER SUPPLY, RECTIFIER AND BATTERY BACKUP

PoE-serien Milleteknik AMA text

(Copy and paste the text below)

Power supply/Battery backup with built-in Gigabit PoE switch

The battery backup / Switch must be permanently connected and primarily protected with its own group fuse. The facility must be secured to the extent that service and expansions in the facility do not interfere with its operation to a significant extent. The unit must be dimensioned to have an overload capacity of at least **XX%**. The reserve operating time must be dimensioned for **XX** hours of power failure taking into account capacity reduction due to battery aging and power draw.

The power supply / battery backup must for example be made by Milleteknik, PoE-serien. The battery backup must be primary switched and well ventilated and have an efficiency of at least 84%. The unit must be lockable with a key and installation instructions in Swedish. Protection for deep discharge, protected batteries, protected load output and protection against overload and overtemperature. The unit must be expandable with battery boxes for extended operating time and be monitored for alarms in the event of a broken power supply or batteries not connected or a tripped load fuse.

Current calculation protocols must be provided at the final inspection of the system. Current calculation protocol and help with dimensioning see www.milleteknik.se/dimensioneringsverktyg/

ALARM FUNCTIONS

The battery backup must be monitored for:

Alarm functions must be indicated via potential-free relay switching to the superior system (see passage system, burglar alarm, fire alarm, etc.). Status indication for alarms must be on the front of the cabinet.

ARTICLES

Item name	Voltage (V)	Current (A)	Battery capacity	Batteries	Max battery capacity with battery box(es)	Max batteries with battery box(es)
PoE M-switch 4p FLX M	48 V / 24 V	10 A	20 Ah	2 x 20 Ah	65 Ah	2 x 20 Ah + 2 x 45 Ah
PoE M-switch 8p FLX M	48 V / 24 V	10 A	20 Ah	2 x 20 Ah	65 Ah	2 x 20 Ah + 2 x 45 Ah
PoE M-switch 16p FLX M	48 V / 24 V	10 A	14 Ah	2 x 14 Ah	59 Ah	2 x 14 Ah + 2 x 45 Ah

* Check compatibility with power supply/rectifier/battery backup.

Milleteknik AMA text options and accessories

(Copy and paste the text below)

Options and accessories extend functionality for battery backup from Milleteknik.

Options must be installed to meet the load / alarm / monitoring specification.

Options for battery backup must be made by: Milleteknik.

OTHER OPTIONS

TAMPER SWITCH: TAMPER SWITCH, E-NUMBER: 5257449

Tamper contact with micro switch.

Tamper switches can be made by Milletechnik: Tamper switch

POWER CORD AND TAMPER SWITCH: 230V POWERCORD INCL. TAMPER SWITCH, E-NUMBER: 5257446

230 V connection cable to battery backup and tamper switch for retrofitting in battery backup,

Power cord and tamper switch can be made by Milleteknik: Power cord and tamper switch

CONTACT PERSONS FOR MORE INFORMATION

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