

Operating instructions

Self contained escape sign luminaire F1/S1

Performance features:

Universal escape sign luminaire F1 / S1

Suitable for maintained or non maintained operation.

Technical design according to:

- DIN EN 60598-2-22
- DIN EN 60598-1
- DIN EN 1838 / IEC 62034
- DIN VDE V 0108-100-1
- ISO 7010
- DIN EN 48 44



Safety instructions:

Work on the power grid may only be carried out by qualified specialist personnel, taking into account the country-specific installation regulations. The mains voltage must be disconnected before installation.

Attention:

In the event of damage or consequential damage caused by failure to observe the instructions, the guarantee will expire. These operating instructions must be read carefully before initial operation of the product.

Technical data:

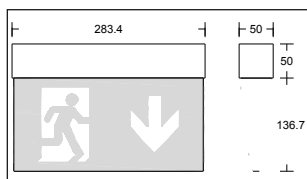
Viewing distance	27m
Operating voltage	230V AC 50 Hz
Lamp	Power-LEDs, Interchangeable
Battery	LiFePO ₄
Bridging time	3h / 8h
Degree of protection	IP54
Protection class	II
Ambient temperature	-05°C bis 35°C
Housing	plastic
Colour	white
Mounting	universal

Please note:

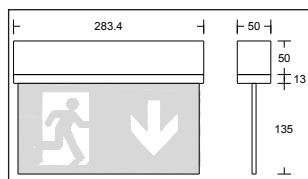
This emergency luminaire is supplied with a pre-charged battery and must be connected to the mains for at least 24 hours to fully charge it. Please make sure that all plug connections are correctly seated during installation!

It is imperative that all supply lines have a functional protective conductor with them, even if they are not used.

Dimensions (in mm):

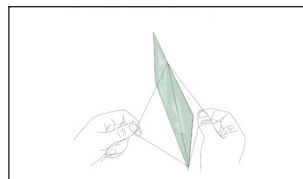


F1



S1

Preparation:



Remove protective film on both sides first!

Testing by using the test button (optional):

Test button	green LED	Action
press for 1s	no signal	1s emergency power supply
press for 3s	flashing	30s function test
press for 5s	flashing	3h operating time test
press for 5s again	no signal	Abortion of operating time test
press for 10s		Mute buzzer for 1 week
press for 15s		System reinterpretation set

The status indication can only be deleted after the error has been rectified, the mains voltage has been reapplied and the function test has been carried out again. Please note optional additional instructions.

Automatic test system:

After commissioning, the first functional test is carried out randomly within 7 days. After that, a function test is performed every 7 days.

The first endurance test takes place randomly within 26 weeks after commissioning. After that, an endurance test is carried out every 26 weeks.

If a power failure occurs during an endurance test, the luminaire switches to emergency operation. Before operating the next endurance test and in case that the battery is not fully charged due to a power failure, the endurance test is postponed after the power is restored until the battery is fully charged again.

Netzspannung
trennen, um
Akustiksignal
abzustellen!



The luminaire is equipped with a buzzer. The buzzer sounds in case of a luminaire fault during the function test. The buzzer runs for 1 minute every hour. The buzzer signal becomes silent when the error is rectified and the failed test is successfully repeated. The buzzer can be muted for 1 week by pressing the test button (if existent) for 10 seconds. Please refer to optional additional instructions.

optional additional instructions.

Mounting and commissioning:

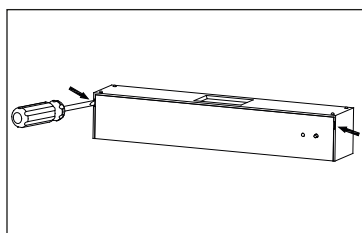


Fig. 1

Lateral attachment can be loosened with a crewdriver.

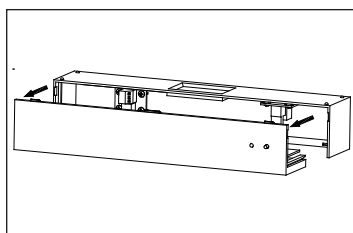


Fig. 2

Slide housing in your direction to open it.

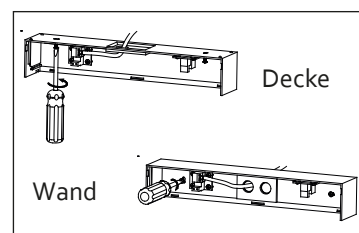


Fig. 3

For wall- or ceiling mounting, attach housing as in Fig. 3

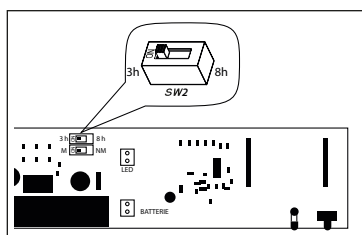


Fig. 4

Bridging time can be set of either 3 or 8 hours.

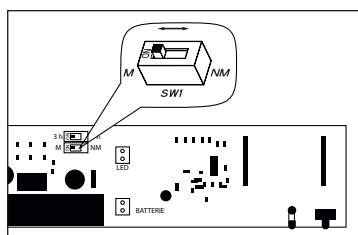


Fig. 5

M = maintained
NM = non maintained

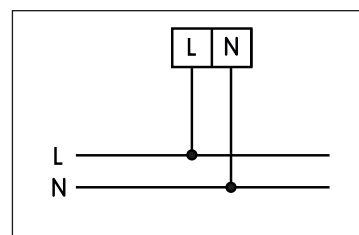


Fig. 6

Connect battery and put on L and N.