

SERIE LELH

EMERGENCY LIGHTING MODULE FOR LED: INSTALLATION GUIDE

The electronic units for emergency lighting Series LELH for GU10 230V LED lamps and LELL for GU5.3 12V LED lamp. They can be used indifferently for maintained or emergency operation.

All the models have sealed Ni-Cd batteries able to guarantee high efficiency with high temperatures.

The electronic devices can be put on a false ceiling or on a ceiling lamp, module, channel, thus allowing any light spot to be qualified for emergency in a simple and quick way, where needed.

The electronic devices are designed according to EN61347-2-13, EN61347-2-7, EN61547, EN55015, EN60598-2-22, EN61000-3-2, SELV.

IMPORTANT: always read the present instruction leaflet

- for the wiring please refer to enclosed wiring diagrams
- great attention must be paid to polarity during the installation of the battery
- keep batteries away from heat sources (away from magnetic ballast)
- in order to check the correct functionality we recommend a charging of about 30 hours
- this system is made to be powered only with the supplied batteries: do not connect any external battery charger.
- it is advisable to effect periodically (every 3 months) at least one discharge and charge cycle in order to assure the max efficiency
- replace the batteries every 4 years or after 500 charge/discharge cycles
- before every maintenance operation, disconnect all mains
- this product contains materials which could be toxic if improperly disposed in the environment
- keep this instruction leaflet for any further reference

ATTENTION: this unit should only be used for purposes for which it has been intended and should be installed using the instructions which are provided. The manufacturer cannot be held liable for damages to person, animals or objects as a result of improper, unreasonable and wrong usage.

Technical characteristics:

- supply voltage: 230/240V - 50/60Hz
- supply current: 40mA max $\cos\varphi 0.9$
- operating frequency: 20 ÷ 45KHz
- max case temperature: 70°C
- ambient temperature: 5 ÷ 50°C
- recharging time: 24h
- max distance between inverter and lamp: 2m
- terminals max connection size: 1.5mm²
- charging device with main insulation able to recharge the battery normally after the test in paragraph 22.3 of the IEC 61347-2-7:2007-09-standard

Model	Lamp	EBLF	Autonomy	Battery current
LELH771	GU10 3 ÷ 6W	100%	1h	1A
LELH774	GU10 3 ÷ 6W	100%	3h	2,5A

Mains connection:

Please always read the present instruction guide.

Connect the terminals 1 - 2 (L - N) to the mains that must never be disconnected (battery charge). When there is a decrease in mains voltage the emergency automatically starts working.

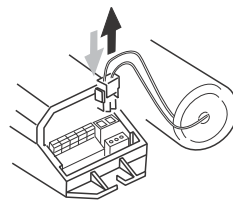
Led indicator:

Shows the presence of mains and battery in charge. It must always remain connected to device in a visible place outside near the lamp qualified for the emergency.

Battery replacement

Sealed Ni-Cd batteries. To replace batteries follows the instructions. Do not discard in the environment. Return to manufacturer.

BATTERY REPLACEMENT



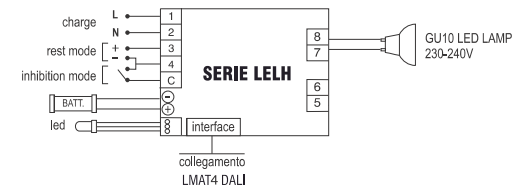
Sealed Ni-Cd batteries. To replace batteries follows the instructions. Do not discard in the environment. Return to manufacturer.

EMERGENCY SERIES LELH: WARNING!

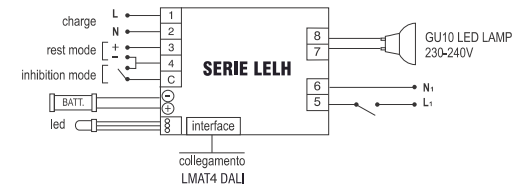
This emergency kit is for LED lamps GU10 230V 0/50Hz max 6 W suitable for DC operation with a voltage between 154 and 276V DC

WIRING DIAGRAMS FOR LELH SERIES

non-maintained (emergency only)



maintained with external electronic driver

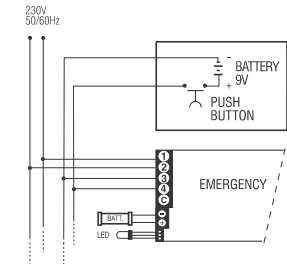


INHIBITIONS WIRING DIAGRAMS

Rest mode

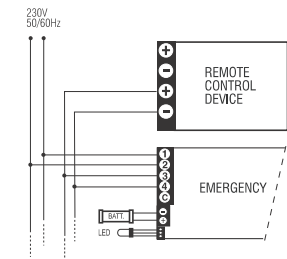
PUSH BUTTON AND BATTERY

it allows only to switch to "rest mode" during emergency mode, using a remote push button and 9V battery. The rest mode, in accordance with Standards prescriptions, is automatically resetted when mains voltage is restored.



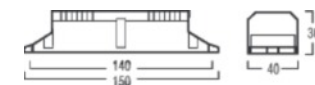
REMOTE CONTROL DEVICE

it allows both to switch off and switch on the emergency lamps during emergency mode. The rest mode is automatically resetted when mains voltage is restored. This remote control device can be installed so as to operate several emergency units at the same time.



DIMENSION AND WEIGHT

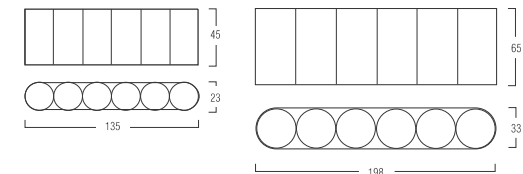
electronic unit - 0,13Kg



batteries: 7,2V-1,6Ah | 0,30 Kg

7,2V-1,6Ah | 0,30 Kg

7,2V-4Ah | 0,75 Kg



PRODUCT TO BE DISPOSED
DIFFERENTLY FROM URBAN WASTE

MADE IN ITALY

AEE Identification nr.IT1804000010321

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