

LIDER

EMERGENCY KITS

Use:

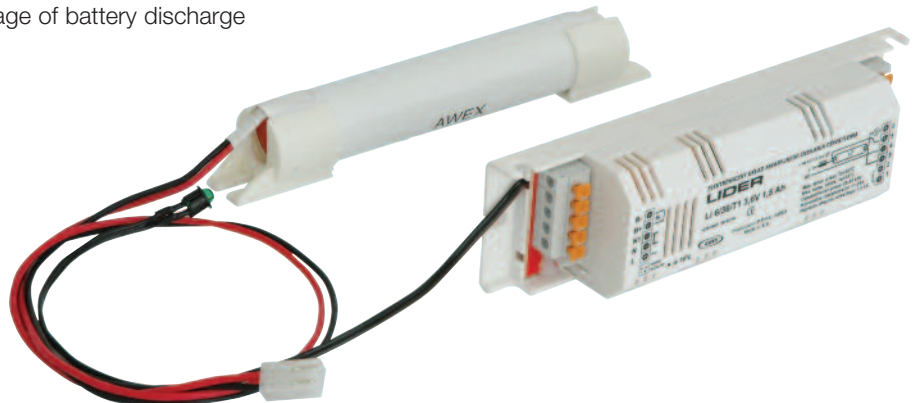
For luminaires to be used as maintained (M) or non-maintained (NM) illumination

Technical specification:

- for fluorescent tubes 6-80W
- emergency operation time 1, 2 or 3 hours
- magnetic or electronic ballast
- regular power supply: 220-240 V/50-60 Hz
- ambient temperature: from 0 °C to +55 °C
- operation temperature: from 0 °C to +70 °C
- battery package voltage: 3,6 V; 4,8 V; 6 V and the capacity 1,0 – 4,0 Ah
- rated current of battery discharge 0,1 C
- maximum current of battery discharge <0,95 C (emergency operation)
- maximum charging time: 24 hours

Characteristics:

- the built-in automatic switching system enables continuous operation of fluorescent lamps with regular power supply as well as in the emergency mode
- soft start system ensures long lamp life
- the control input enables the remote switching of the converter's operation mode from „stand-by“ into „power down“ mode
- the process of charging and proper battery connection is signalled by LED while the system is supplied with main voltage
- the control of minimum voltage of battery discharge



LIDER with autotest

Test A is run automatically every 30 days

Test A checks the following parameters:

- enforcing emergency operation for 5 minutes
- control of battery power discharge
- control of minimum voltage of the battery

Test B is run automatically every 360 days

Test B checks the following parameters:

- enforcing emergency operation for all duration time (1, 2, 3 hours)
- control of battery power discharge
- control of minimum voltage of the battery

In case of power outage during TEST A or B the unit operates under emergency lighting power. Test signalling continues. After 230V AC power is on again the unit remains in emergency lighting mode until a full cycle of TEST A or B is completed.

LED colour		Information
● green	● red	
shining	–	regular battery package charging
–	flashing	defective lamp
–	shining	defective battery
–	–	running test / emergency mode