

ECOLUXX RUBIC

EMERGENCY LIGHTING

Conversion kits LIDER, LIDER EVG

- Fluorescent lamp power range 6–80 W (depends on a model)
- Maximum charging time: 24 h
- Emergency operation time: 1, 3 h
- The built-in automatic switching system enables continuous operation of the fluorescent lamps with regular power supply as well as in the emergency mode
- The process of charging and proper battery connection is signalled by a LED while supplying the system with main voltage
- The simplest and the cheapest way for emergency lighting

Conversion kits LIDER autotest

Test types:

- Test A is run automatically every 30 days.
- Test A checks the following parameters:
 - Enforcing emergency operation of the frame for 5 minutes
 - Control of battery power discharge
 - Control of minimum voltage of battery
- Test B is run automatically every 360 days
- Test B checks the following parameters:
 - Enforcing emergency operation of the frame for all duration time (1, 3 h)
 - Control of battery power discharge
 - Control of minimum voltage of battery

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

Monitoring system RUBIC

In buildings where there is a need for installing a large number of independent emergency lighting fittings, there is always a problem connected to the process of controlling the condition of the fittings. Manual controlling of the condition of the fittings requires a lot of time and may sometimes disturb the regular use of the premises. RUBIC system, designed to monitor the operation of emergency fittings with independent power sources, was created to solve this problem. Modern solutions of the Rubic system allow for the configuration and control of the condition of the fittings from one place.

C-RUBIC control unit:

- Standard monitoring of 250 fittings, expansion within the standard unit up to 1000 fittings
- Centronix printer connector, LCD monitor
- 230 V 50 Hz power supply, charge time – 24 h
- Communication through a screened cable 2x0,5 mm²
- Distance between the control unit and the furthest fitting – 1200 m² (or applying RPT)

- Lighting fittings working under the RUBIC system have unique addresses and are connected to C-Rubic control unit with a communication cable. The fittings communicate with the central unit reporting any abnormalities which are signalled on the central unit display with LED diodes placed on the central unit panel.

Test types: the same as LIDER autotest

The frequency of running tests A and B may be programmed according to the needs of the user. There is a possibility of programming the tests with exact dates of when they should be carried out. Long tests B should be run when the premises are not to be used within 24 hours after finishing the test. This time is needed for the recharging of the batteries discharged during the long test.

Test results are stored in the memory of the central unit and may be viewed on the central unit's display. Test reports may be printed with the PR-RUBIC printer or any printer using LPT connector (Centronix)

ECOLUXX RUBIC

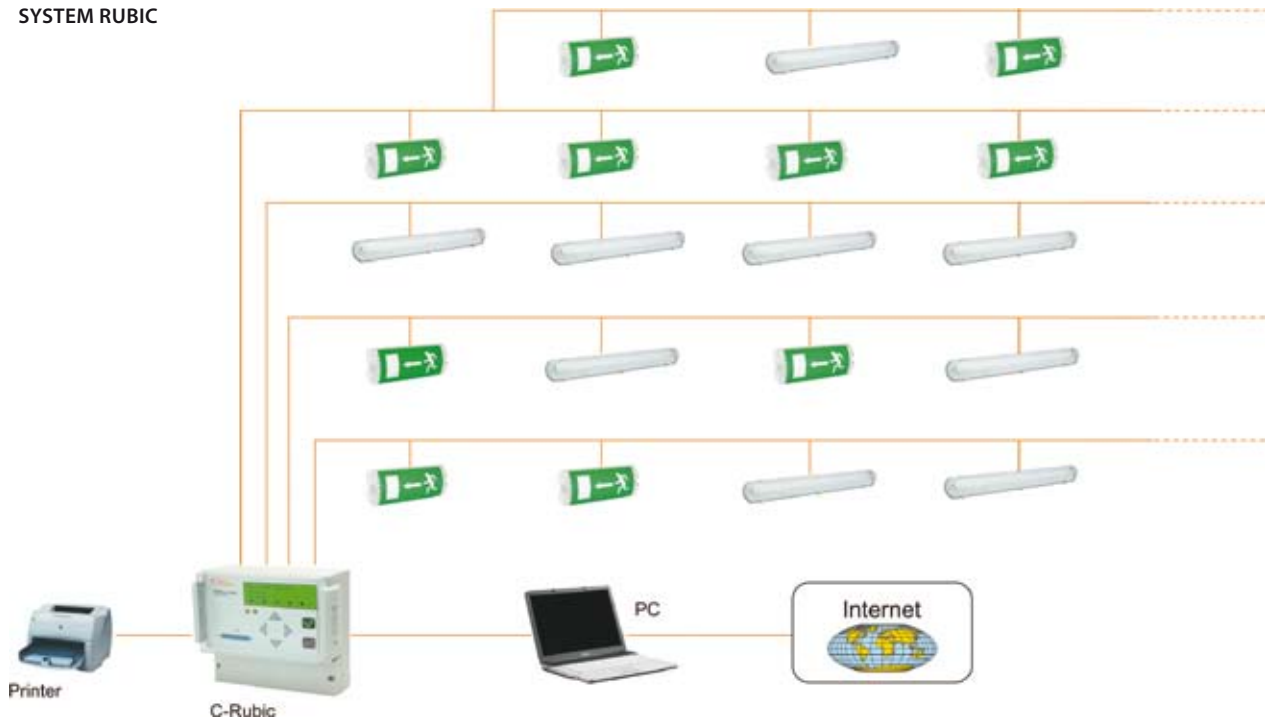


C-RUBIC

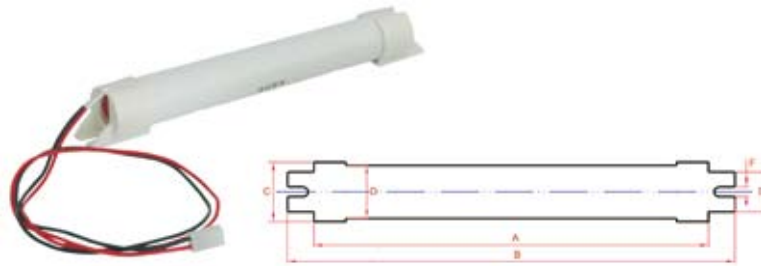


LIDER

SYSTEM RUBIC



BATTERY LIDER



Battery Lider	W	h	mAh	V	VA	AxBxCxDxExF	kg
NiCd SC 1500/3,6	6-36	1	1500	3,6	5,4	135x160x26x15x18x4	0,16
NiCd SC 1500/4,8	6-58	1	1500	4,8	7,2	176x203x26x15x18x4	0,21
NiCd SC 1500/6	6-80	1	1500	6	9	244x245x26x15x18x4	0,26
NiCd SC 4000/3,6	6-36	3	4000	3,6	14,4	184x208x36x33x25x4	0,41
NiCd SC 4000/4,8	6-58	3	4000	4,8	19,2	241x267x36x33x25x4	0,54
NiCd SC 4000/6	6-80	3	4000	6	24	306x330x36x33x25x4	0,67