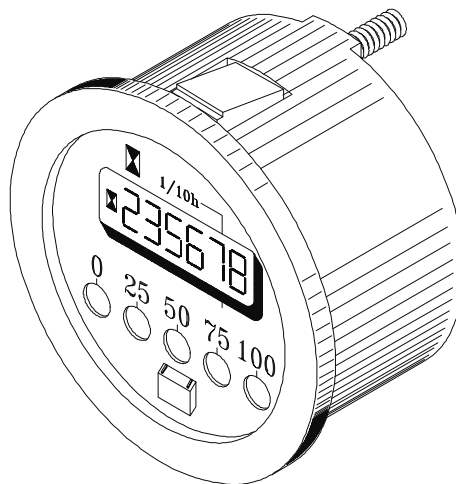




elektrosistem



## BATTERY CHARGE INDICATOR AND DIGITAL HOUR METER MODEL HCBL



The battery charge indicator with digital hour meter model **HCBL** is a new instrument that joins the wide range of products offered by **Elektrosistem**.

### INDICATOR FEATURES

- Battery charge indication by means of 5 leds (1 red, 1 yellow, 3 green).
- Block of lift and other functions (by means of a relay) when discharge reaches 80%.
- Quartz electronic hour meter without battery equipped with liquid crystal display.
- Display of energizing (enabled keyswitch).

Technical features might be modified without notice.

### FUNCTIONS

#### • Battery charge indicator

The continuous request for current to a battery causes voltage decrease at its ends. Analysis of shape and times of said decrease determines accumulator discharge condition.

Using all these parameters, Elektrosistem has designed the **HCBL** indicator.

This instrument precisely determines discharge comparing battery voltage with a pre-set value.

#### • Lift function block

The **HCBL** blocks lift and other functions when battery discharge reaches 80%. Block threshold is regulated during assembling but can be personalised according to requirements.

#### • Hour meter

The electronic LCD hour meter of **HCBL** is equipped with a special component that saves data in a non-volatile memory without any battery.

### SPECIFICATIONS

- Standard battery voltages: 12,24,36,40,48,60,72,80,96 V
- Running temperature: from -40°C to +65°C
- Relative humidity: 95% at +38°C

### RUNNING

- Battery indicator

1) When battery is charged all leds are on.

2) During discharging all leds go off one after the other from the right to the left.

3) When battery discharge reaches 80% only the red led remains on and the equipment is blocked.

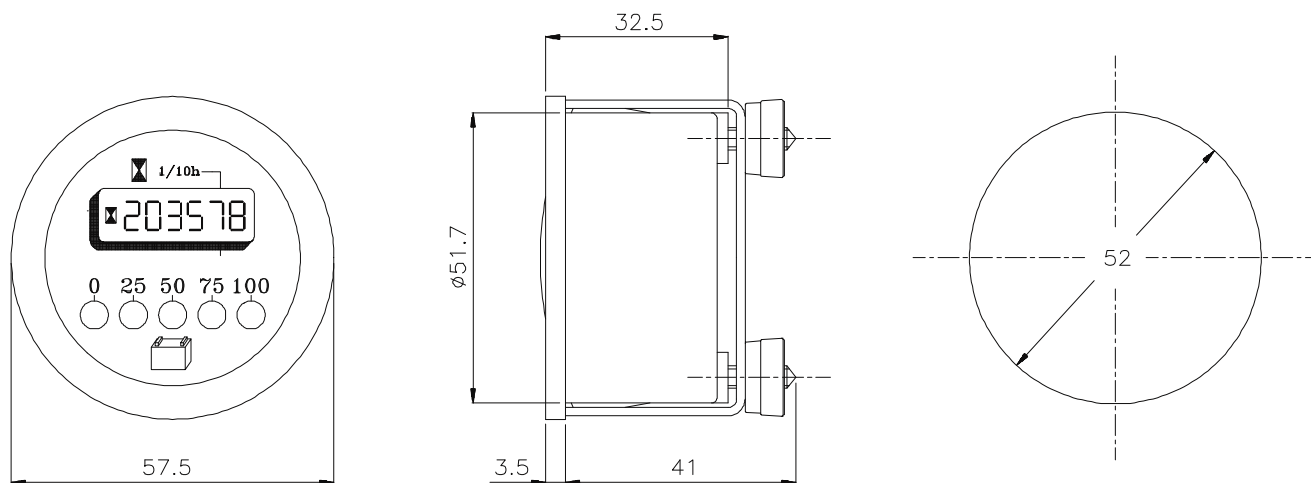
- Hour meter

1) Connecting the battery the total number of hours is displayed.

2) During running the hourglass of the instrument starts flickering counting hours.

~~NEWS~~

## DIMENSIONS AND ASSEMBLY HOLE



## WIRING DIAGRAM

