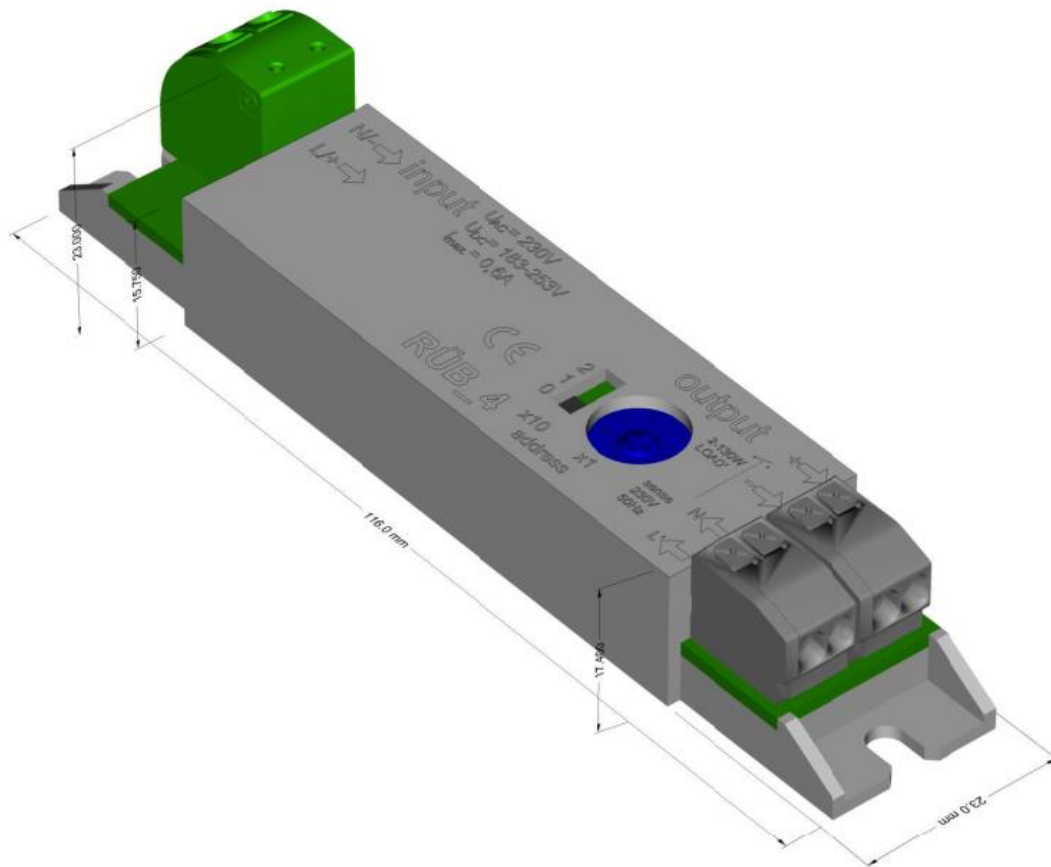




Technical data:

Input:	230 V AC +/-10 % 183 – 253 V DC
Switch Input:	230 V AC +/-10 %
Max load current output:	130 W
Power dissipation / full load:	3 W
Fuse:	1 A T
Max starting current:	17 A @ T = 10 ms 50 A @ T = 1 ms 125 A @ T = 200µs (applies to a typical exponential inrush current with a current peak IP and a T at which the current has dropped to 0.37 times the peak value)
Operating temperature range:	- 20 – 65°C
t _c max.:	65°C
Lifetime:	min. 50000 h (by compliance with t _c max.)
Address range:	01 – 20
Dimensions (w x h x d):	116 x 23 x (15,75 mm to 23 mm)
Spacing of hole:	108 mm (max. M4)
Terminal:	Input AC/DC: max. 2 x 2,5 mm ² / Output/Gate input: max. 1,5 mm ²

Description:

The monitoring device RÜB_4 is designed for operating and monitoring of lamps in RUSIC® emergency lighting systems. This module implements the programmable switchability and the monitoring of each lamp in any final circuit per current indication. The impeccable functioning of the switchability is subject to a clear differentiation between the current consumption of well-operating and faulty lamps and illuminants. It is suitable for all standard electronic ballasts for LED, fluorescent lamps and DALI ballasts, whereby special instructions are to be observed here.

The monitoring device RÜB_4 is additionally equipped with a switch entrance of 230 V, which allows to switch the lamp on and off on site.

Caution: the monitoring device may be incorporated exclusively into the destined luminaire housing or a suitable junction box.

Addressing:

Each address can be selected only once per circuit. If a wrong address is chosen (0 or 21 – 29), a signal is given by flashing of the connected lamp (only in AC mode).

With address 29, the monitoring block performs a reset. Afterwards this is again in the delivery status! (not calibrated and in DL mode)

Calibration:

The modules will be calibrated with the connected lamps by the system. The stored base value before calibration is 12.5 mA. If the current falls below 70 % of the calibrated value, the failure will be detected. By means of an incorporated protective diode, the maximum current is limited to 21 mA. Higher capacity- related current consumptions are stored with this maximum value.

