

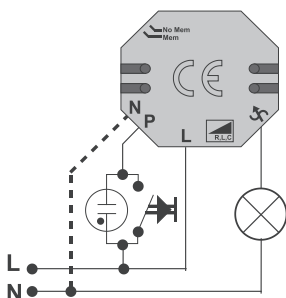


## Illuminate

### 873 010 rlc

- Universal dimmer for R,L,C loads
- Suitable for leading or trailing edge
- Automatic detection of the connected type of load\*
- Suitable for incandescent and halogen lamps
- Even suitable for electronic transformers

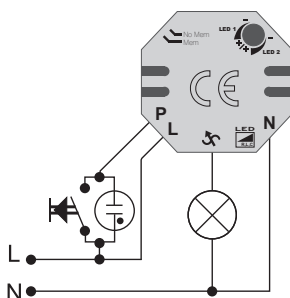
\* Do not connect different types of lamps / loads to the same dimmer



Order number	Mounting
873 010 rlc	flush-mounted fitting
Housing colour	

### 873 030 led

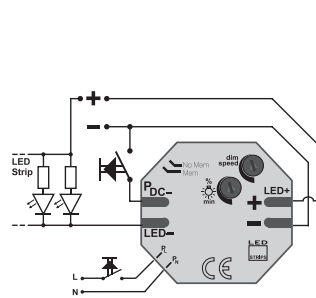
- Universal dimmer for dimmable LED-Lamps for leading edge dimming OR dimmable LED lamps with electronic transformer for trailing edge dimming
- Adjustable minimum dimming-value (minimum value: 4 W)



Order number	Mounting
873 030 led	flush-mounted fitting
Housing colour	

### 873 040 led

- Dimmer for LED lamps (12–48 VDC up to 6 A) with Pulse Width Modulation technology (PWM), specially designed for 1-channel LED strips.
- Adjustable minimum dimming-value
- Adjustable dimming-speed



Order number	Mounting
873 040 led	flush-mounted fitting
Housing colour	

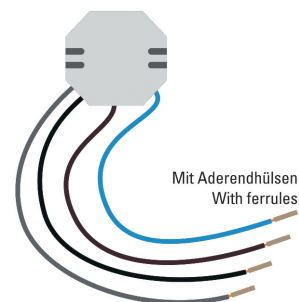
## Overview

Dimmer	Load type	Type of dimming	Allowed lamps / lamp load
873 010 rlc*	R	Leading or Trailing edge	Incandescent or 230 V~ Halogen lamps
	L	Leading edge	LV Halogen lamps with Ferromagnetic or Leading edge Electronic transformer
	C	Trailing edge	LV Halogen lamps with Trailing edge Electronic transformer
873 030 led**	LED (at Pos. LED 1)	Leading edge	Dimmable 230 V~ LED lamps (leading edge dimming)
	LED (at Pos. LED 2)	Trailing edge	Dimmable 230 V~ LED lamps (trailing edge dimming)
	LED (at Pos. LED 2)	Trailing edge	Dimmable 12 V~ LED lamps (trailing edge dimming) with electronic transformer, type C
873 040 led**	LED strips	PWM (Pulse Width Modulation technology)	Dimmable 12–48 VDC LED strips

\* Automatic detection of the load type  
\*\* Manuel load and threshold setting

PLEASE NOTE:  
When calculating the max. loads please take into account power dissipation of transformers:  
For conventional transformers ~ 20% power dissipation / For electronic transformers ~ 2% power dissipation.  
For all transformers and lamps, please take into account the specifications of the manufacturer!

- For pushbuttons
- Installation in standard boxes behind a pushbutton possible
- Small design (13 mm)
- Easy to connect
- Memory of the last dimming value (can be activated via dip switch)
- Softstart function
- Protection against overload, short circuit and overheat
- Easy to connect (10 cm litz wires with ferrules)

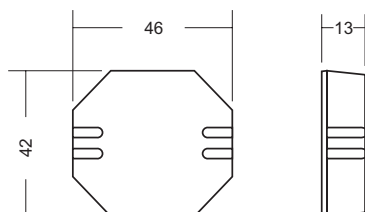


switching controlling counting

## Dimmers 873 010 rlc / 873 030 led / 873 040 led flush-mounted fitting

### Highlights

- Small design
- Easy to connect
- Stepless dimming
- Soft starting



### Technical data

	873 010 rlc	873 030 led	873 040 led
<b>Supply voltage</b>	230 V, 50 Hz	230 V, 50 Hz	12–48 VDC
<b>Power consumption</b>	2 VA	2 VA	0.5 VA
<b>Dimensions</b>	46 x 42 x 13 mm		
<b>Mounting</b>	Flush-mounting		
<b>Permitted ambient temperature</b>	0°...+40°C		
<b>Type of protection</b>	IP 20 to DIN EN 60529		
<b>Type of lamps</b>	incandescent lamps, halogen lamps	dimnable LED lamps	dimnable LED strips
<b>Glow lamp load</b>	max. 1 mA	max. 1,5 mA	—
<b>Types of load</b>	<b>R, L, C</b>	<b>LED</b>	<b>LED</b>
<b>230 V~ Incandescent lamps (R)</b>	15–400 W	—	—
<b>230 V~ HV-Halogen lamps (R)</b>	15–400 W	—	—
<b>Ferromagnetic transformers for LV-halogen lamps (L)</b>	20–250 W	—	—
<b>Electronic transformers for LV-halogen lamps (L)</b>	15–400 W	—	—
<b>Leading Edge</b>			
<b>Electronic transformers for LV-halogen lamps (C)</b>	15–400 W	—	—
<b>Trailing Edge</b>			
<b>Dimmable compact fluorescent lamps</b>	—	—	—
<b>Dimmable 230 V~ LED lamps (leading edge dimming)</b>	—	4–100 W	—
<b>Dimmable 230 V~ LED lamps (trailing edge dimming)</b>	—	4–100 W	—
<b>Dimmable 12 V~ LED lamps (trailing edge dimming) with electronic transformer, type C</b>	—	1 lamp per transformer / max. 6 transformers (50 W)	—
<b>Dimmable 12–48 VDC LED strips</b>	—	—	6 A