

RE EL1 LE3

Modular Dimmer with built-in Potentiometer

Description

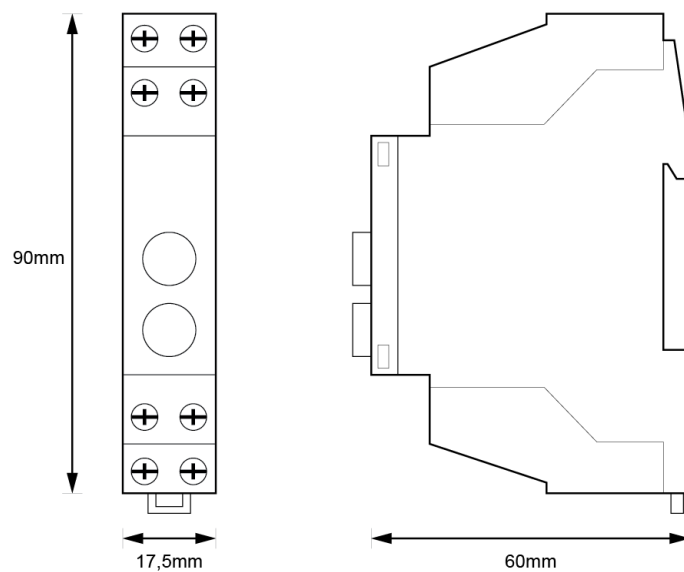
- Modular dimmer with built-in dimming potentiometer.
- IGBT technology: leading-edge or trailing-edge dimming.
- Valid for:
 - Dimmable 230V LED lamps.
 - Dimmable 12V LED lamps with electronic transformer.
 - Incandescent and 230V Halogen lamps.
 - 12V Halogen lamps with electronic transformer.
- Modular housing, DIN-rail mounting.
- Control by Pushbutton or built-in Potentiometer.
- Up to 3 lighted pushbuttons and a unlimited number of non-lighted ones can be connected.
- The front potentiometer allows dimming from the dimmer itself, without the need of an external push button.
- The minimum brightness level can be adjusted by using the selector knob. It avoids flickers or malfunctions in the lamps.
- Three operation modes:
 - Memory: by a brief press, the lamps are switched-on at previous level before the last turn-off.
 - No Memory: by a brief press, the lamps are switched-on at maximum level.
 - Auto: like Memory-mode. In addition, it has status memory after a cut-off from mains.
- Master/Slave configuration: it allows increasing the load capacity.
- Protected against overload, short-circuit and over-heat.



Technical Specifications

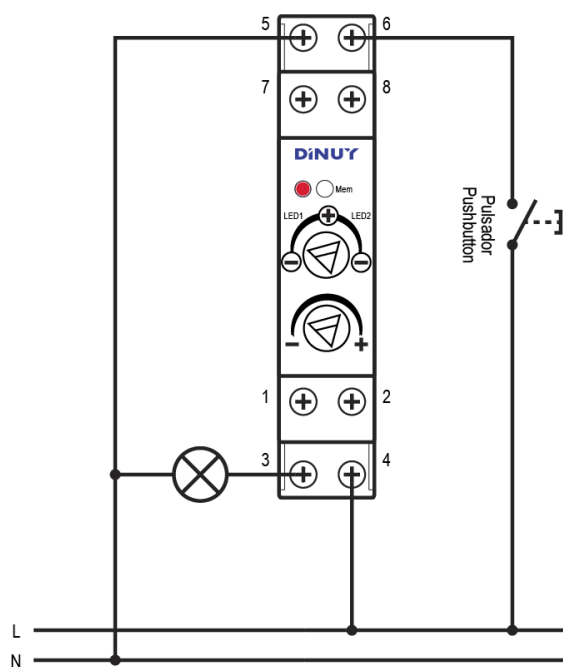
Reference		RE EL1 LE3
Power supply		230V~ 50Hz
Consumption		3VA
Type of load		Dimmable LED lamps, Incandescent & Halogens
Load	Dimmable 230V LED 230V lamp (leading edge)	4W ~ 80VA
	Dimmable 230V LED 230V lamp (trailing edge)	4W ~ 300VA
	Dimmable 12V LED lamp (with electronic transformer)	4W ~ 300W
	Incandescent & 230V Halogen lamps	10W ~ 300W
	LV Halogen lamps with electronic transformer	20W ~ 300W
Control		Pushbutton or built-in Potentiometer
Number of pushbuttons		Unlimited (up to 3 lighted pushbuttons)
Minimum dimming value		Adjustable
Dimensions		1 module wide
Operation temperature		0°C ~ +40°C
Protection degree		IP20 according to EN60529
According to the Standard		EN60669-2-1

Dimensions



Wiring diagrams

· Control by Pushbutton:



· Control by front Potentiometer:

