RE EL5 002

Modular Dimmer for 1/10V$_{DC}$ Equipments

Description

• Modular dimmer for the control of Luminaires, Fluorescence or LED, with driver o ballast dimmig by 1/10VDC signal.

• Control by conventional pushbuttons, potentiometer or 1/10V signal.

• Modular housing, with a width of 5 modules (87,5mm). Mounting in DIN-rail.

• Anti-panic input fos safety systems: in case of emergency the lamps can be switched on at maximum level without taking into account the dimming control.

• Master/Slave configuration, allowing increasing the load capacity from only one control, dividing the load in different dimmers.

Technical Caracteristics

Reference	RE EL5 002
Power Supply	230V~ 50/60Hz
Consumption	2,7W cosφ=0,73
Type of Load	Ballast or Driver 1/10Vcc
Maximum number of Equipments	200 (*)
Switching capacity	16A / 250V~
Maximum current input 1/10V	500mA
Maximum current output 1/10V	250mA
Control	Pushbutton, Potentiometer, Signal 0/10V ó 1/10V
Dimensions	5 modules wide
Connection Terminal	Wires of up to 6mm2
Working Temperature	0ºC ~ +40ºC
Protection Degree	IP20 (UNE EN20324)
According to the Standard	UNE EN60669-2-1

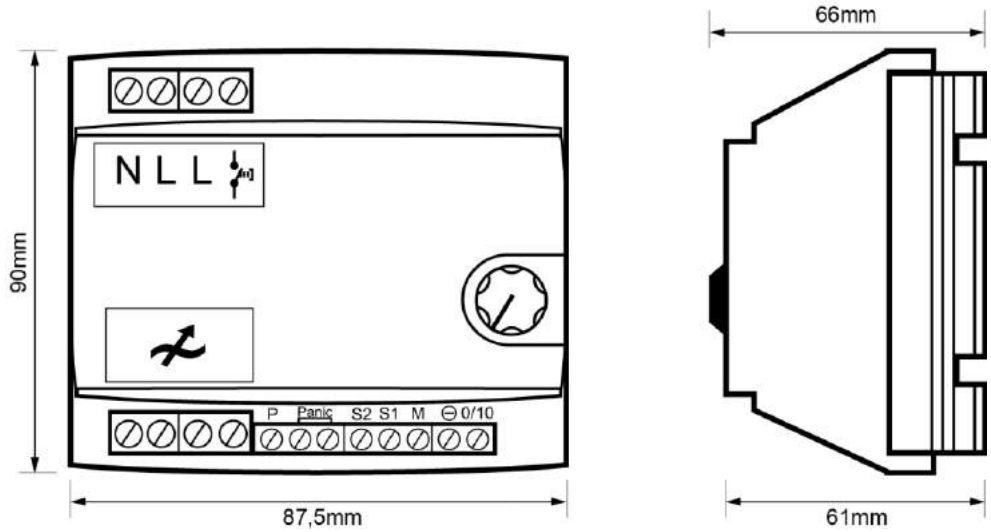
** In order to know the maximum number of drivers or ballast you can connect to the dimmer, we need first to know the maximum input and output current from the 1/10VDC equipment.*

Example: 1 driver which consumption is 2mA by channel 1/10VDC:

Maximum number of equipments: 250mA/2mA=125 equipments.

Besides the consumption for the channel, it must be taken into account the consumption of the luminaries in case of you will connect the power of the luminaries to the K relay. If that consumption is higher than16A, it will be necessary to install a contactor between L'and the power of luminaries.

Dimensions



Wiring Diagram