

UNIVERSAL DIMMER (LED LAMPS)

EN Instructions manual **FIRT240**



DESCRIPTION

This dimmer is specially developed for dimmable LED lamps. Thanks to its size and thickness (13mm), it can be installed in:

- Standard mechanism box (behind the pushbutton).
- Junction box.

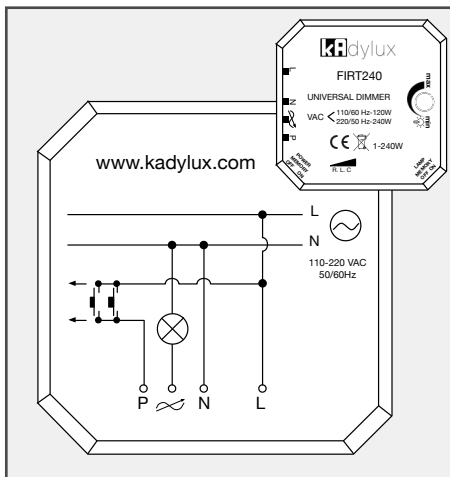
The replacement of switches by pushbuttons will allow you to turn on, turn off and regulate the desired light intensity for your comfort and energy saving.

OPERATION

Press shortly the pushbutton to turn the lamps on and/or off. Press and hold the pushbutton to regulate the intensity of the light.

To change the dimming direction (increasing or decreasing) release the pushbutton and press it again until the desired brightness is reached. The device will stop at the maximum and minimum intensity for you to know that the lamps are at 100% or at minimum adjusted with the potentiometer control knob.

CONEXION SCHEME



DIMMER ADJUSTMENTS AND CONTROL

LAMP MEMORY	ON	THE LAMPS WILL ALWAYS TURN ON KEEPING THE DIMMING LEVEL IT HAD PREVIOUSLY.
	OFF	THE LAMPS WILL ALWAYS BE TURNED ON AT THE HIGHEST INTENSITY LEVEL.
POWER MEMORY	ON	IF THE POWER TURNS OFF, WHEN IT TURNS ON BACK EVERYTHING STAYS EXACTLY AS IT WAS.
	OFF	IF THE POWER TURNS OFF, WHEN IT TURNS ON BACK EVERYTHING IS OFF.
POTENTIOMETER CONTROL KNOB		THE DEVICE HAS A CONTROL KNOB THAT ALLOWS YOU TO ADJUST THE MINIMUM LIGHTING LEVEL, AVOIDING UNDESIRABLE EFFECTS (E.G. FLICKERINGS) WHEN THE LAMPS ARE DIMMED AT LOW LEVEL.






If the button is pressed for two seconds while the light is off, the lamps start to light from the minimum lighting level until the button is released. For example, this application will be useful to enter the children's bedroom without disturbing them when they sleep.

This model is protected against overloads and short-circuits. It incorporates a thermal protection that in case of overload the circuit will be disconnected and after 2-3 minutes the protection will be reactivated (less load watts are required in the electric circuit).

TECHNICAL DATA

NOMINAL VOLTAGE	110 VAC	230 VAC
OPERATION FREQUENCY	60 Hz	50 Hz
MAX. ELECTRIC CURRENT	1045 mA	
MINIMUM LOAD	1W	
MAXIMUM LOAD	120W	240W
STAND-BY CONSUMPTION	0,08 W	0,32 W
PUSHBUTTONS CONTROL	unlimited	
LIGHTED PUSHBUTTONS	max. 5	max. 10
MINIMUM LIGHTING LEVEL	Adjustable	
DIMENSIONS	45 x 43 x 13	
WEIGHT	30g	
WORKING TEMPERATURE	-10° ~ +40°	
STORAGE TEMPERATURE	-25° ~ +70°	
ENVIRONMENTAL PROTECTION	IP-20	

COMPATIBILITY

	INCANDESCENT, HALOGEN AND DICHROIC LAMPS.
	DICHROIC LAMPS WITH ELECTRONIC TRANSFORMER.
	ENERGY SAVERS DIMMABLE LAMPS.
	LED DIMMABLE LAMPS.
	LOWER LOADS OF INDUCTION MOTORS.

INSTALLATION SCHEME

Replacement of a conventional installation for a dimmer and pushbutton installation

