






## DIMMER FOR LED STRIPS/TIRA FOR MAINS VOLTAGE

FLLDIM240	FLLDIM450	FLLDIM900	
			 RoHS Made in Spain
Dimension: 47 x 47 x (h)14mm	Dimension: 47 x 47 x (h)26mm	Dimension: 188 x 150 x (h)93mm	

Trailing-edge dimmer for external normally-open wall button. Memory of the last level of emitted light after the switching OFF, blackouts included. Function for switching ON at the minimum level of light with increase, keeping pressure on the external button when the light is OFF. Screw for min level adjustment. FLLDIM900 includes an heat-sink in Aluminium and a fan for forced ventilation.

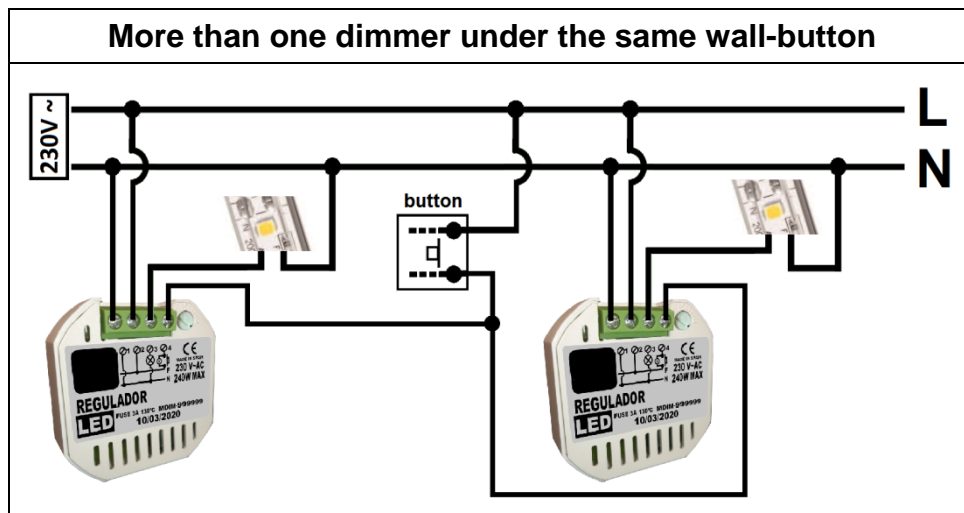
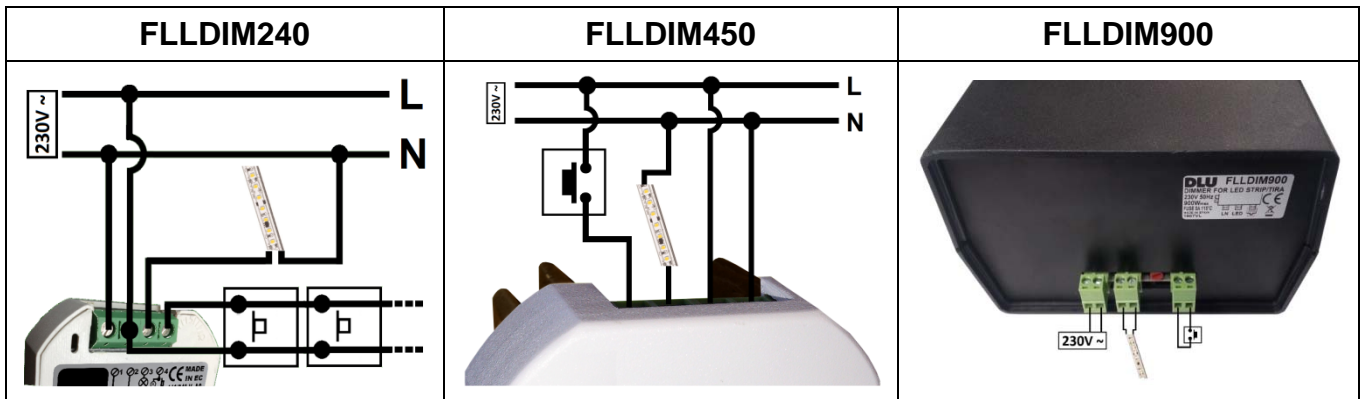
**Functioning:** It turns the light ON or OFF by shortly pressing the button. The adjustment occurs by keeping pressed the button and stops when the button is released or the maximum or minimum level of light are reached.

**Warning for FLLDIM240 and FLLDIM450:** If more than one dimmer are used under a single wall-button, do not place them in the same wall-box or at least avoid they are in direct contact for thermal reasons.

Code	P <sub>max</sub> (W) (max load with PF = 1)	For LED Tira (PF > 0.9) max length	Dimming (LED Tira)	Weight (g)
FLLDIM240	240	13m		1 ÷ 99%
FLLDIM450	450	26m		1 ÷ 99%
FLLDIM900	900	50m (1 roll)		1 ÷ 99%

Operating electric conditions	230V 50Hz
Type of dimmable load	LED Tira for mains voltage
Minimum load (LED Tira)	1.7W LED (Tira 10cm long)
Short-circuit protection. Thermal protection against overload, thermal cut-out.	
Case material	ABS V0
Protection Degree of the case	IP30
Recommended ambient temperature range	T <sub>amb</sub> = -5° ÷ 50°C
Internal working temperature with max load (at t <sub>a</sub> = 25°C)	FLLDIM240 59°C
	FLLDIM450 62°C
	FLLDIM900 64°C
Power loss	0.4W
Internal fuse	Matching IEC 60127
External Wiring	FLLDIM240 4-poles terminal block (screw-head) for 1.5mm cable
	FLLDIM450 4-poles terminal block (screw-head) for 1.5mm cable
	FLLDIM900 6-poles terminal block (screw-head) for 2.5mm cable

## WIRING SCHEMATICS



Reference Standards: EN 60669-1; EN 60669-2-1; EN55015; EN61000-3-2; EN61000-3-3; EN61547  
 European Directives: 2014/35; 2014/30; 92/31; 93/68; 2011/65; 2012/19

	<p><b>Correct disposal of this product</b> (Waste Electrical &amp; Electronic Equipment) Applicable in countries with separate collection systems</p> <p>This graphic symbol placed on the product and on the package indicates that the product should not be disposed with other household waste. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and responsibly recycle them to promote the sustainable reuse of material resources.</p> <p>Household users should contact either the retailer where they purchased the product, or their local government office, for details on where and how they can take these items for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract; this product should not be mixed with other commercial wastes for disposal.</p>
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