

* Version for 60Hz available (see ordering information).

Note

2) It is essential not to drive electromagnetic transformers without the lamp load connected.

3) For the 15.61 with load lamp > 300W, adequate ventilation must be provided - a gap of 5 mm on both side of the dimmer is suggested.

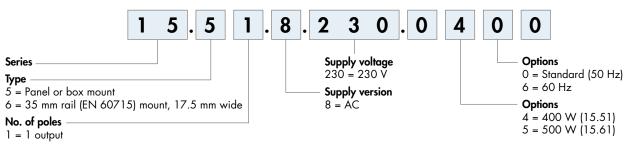
4) Not compatible with illuminated push-buttons.

¹⁾ If the lighting load comprises low voltage halogen lamps fed through either electromagnetic or electronic transformers, then do not connect more than one transformer per 15.51 dimmer or two transformers per 15.61 dimmer. Use only toroidal transformers.



Ordering information

Example: type 15.51, electronic step relay and dimmer, 230 V AC.



Technical data

Other data		15.51	15.61
Power lost to the environment			
without load	W	0.7	0.8
with rated load	W	2.2	2.0
Max cable length for push-button connection m		100	100
Other data			
Max. wire size		solid cable	stranded cable
	mm ²	1x6 / 2x4	1x4 / 2x2.5
	AWG	1x10 / 2x12	1x12 / 2x14
Generation Screw torque	Nm	0.8	0.8

Thermal protection and signalling

LED (type 15.61 only)	Supply voltage	Thermal protection
	OFF	_
	ON	-
	ON	ALARM

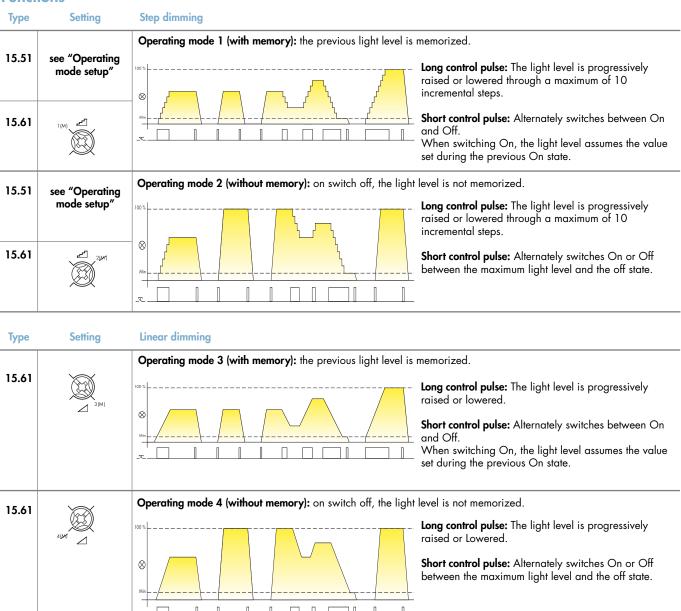
ALARM

The internal thermal protection will detect an unsafe temperature, due to overload or incorrect installation, and will turn the dimmer output off.

It is possible to turn the dimmer on, by push button, only when the temperature reduces to a safe level (after 1 to 10 minutes, depending on installation conditions) and after removing the cause of the overload.



Functions



Operating mode setup

Type 15.51

On **15.51** operating mode 1 is preset, but it is possible to change it using the following sequence:

a) remove the supply voltage;

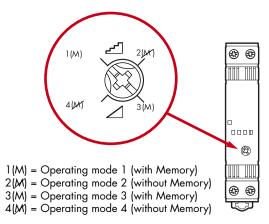
b)press the control button;

c)apply the supply to the relay, keeping the button closed for 3 second; d)On button release, the light will flash twice to indicate the selection of operating mode 2, or flash once for operating mode 1.

Repeating the above steps will alternately change between operating modes.

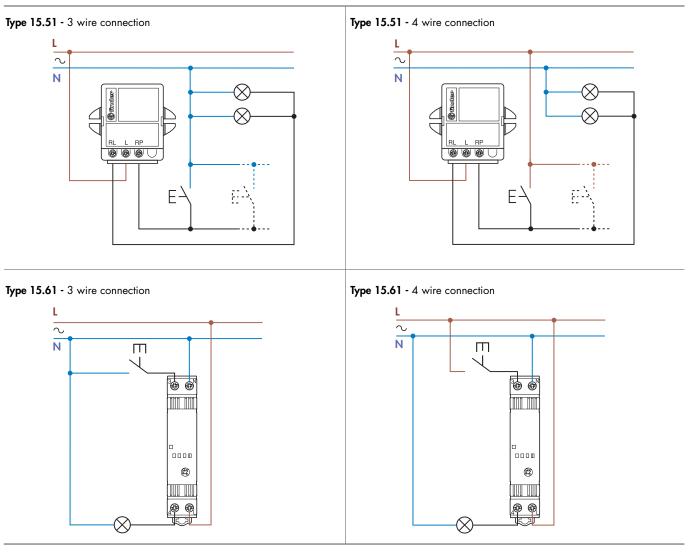
Туре 15.61

On 15.61 it is possible to select the required operating mode 1, 2, 3 or 4 using the front selector.





Wiring diagrams



Accessories

Ð	Adaptor for panel mounting for type 15.61, 17.5 mm wide	020.01	
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Sheet of marker tags for type 15.61, plastic, 72 tags, 6x12 mm 060.72

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