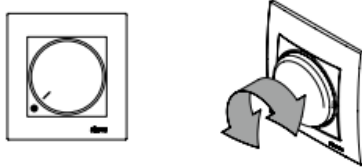


DOUBLE-POLE ROTARY DIMMER FOR LED LIGHTING DS9L2.01/..






Application

The Double-Pole Rotary Dimmer for LED lighting is designed to switch-off/switch-on and/or to control light intensity of the dimmable LED lighting sources supplied at 230V~ (e.g. Philips MASTER). The 3- or 4-wire connection system (including a neutral N wire) provides a wide range of brightness control, smoothly operated across its full range, and the double-pole switch incorporated into the Dimmer allows for using the Dimmer in installations requiring a double-pole type of the illumination lamp switch-off system. Switching off/on and/or adjustment operations are effected by turning the control knob. Brighter light is achieved by turning the control knob clockwise.



Switching off is effected by turning the knob anticlockwise home (into position marked •).

Light sources

	230Vac incandescent lamps	5 ÷ 215W
	230Vac halogen lamps	5 ÷ 215W
	dimmable LED lighting	5 ÷ 215W
	energy-saving lamps	
	fluorescent lamps	

WARNING: The dimmer is not designed for interoperation with the core type toroidal or column transformers, fans and other devices fitted with an electric motor. Failure to observe this warning may cause the dimmer failure.

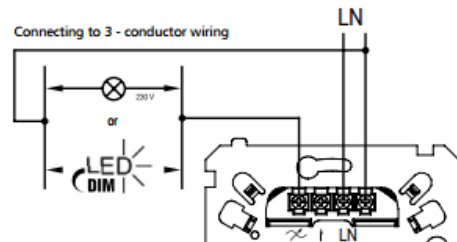
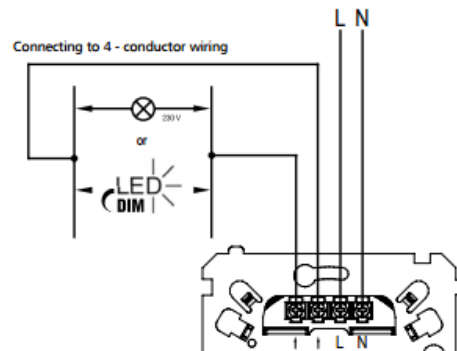
Short-circuit protection

The Dimmer is equipped with the short-circuit protection system switching off the load circuit (i.e. switching off the lighting) when current intensity exceeds 20A. Upon a short-circuit failure is repaired, the Dimmer may be switched on again.

In a while a 230V bulb is just to be burned out, the current can reach the protection limit value resulting in a self-acting switch-off of a bulb, preventing the bulb to be totally burned-out.

When a self-acting switch-off repeats frequently, check condition of the bulb, and replace it if needed.

Diagram of the dimmer connection to the electric system



Technical data

Operating voltage	230 V/50 Hz
Load power	5 ÷ 215 W
Type of load	incandescent/halogen load 230V, dimmable LED lighting
Interference level	conforms to PN-EN-55015
IP Protection	IP20
Type of operation	continuous service
Type of control	smooth
Weight	100g