

Universal light dimmer TE7636LD for resistive loads, compatible with dimmable LED bulbs in 230Vac, max 100W(*). Voltage in 230Vac 50Hz. In compliance with EMC and BT directive, C E .



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DESCRIPTION

Electronic dimmer for universal installation in standard and junction boxes. The TE7636 have to be installed in dry places and not dusty with a temperature between -5°C and +30°C. The sophisticated technology used guarantees the complete absence of buzzing. This dimmer is suitable to dim **resistive loads** (halogen or incandescence bulbs) and it is suitable to control LED spotlights and LED bulbs fed directly in 230Vac up to a maximum of 100W. The switching on and switching off are always gradual thanks to the "soft start" and "soft down". It is possible to turn on, off and dim the load by acting any push button. Pushing the buttons quickly it is possible to turn on or off the load. Keeping a push button pushed, the load will cyclically turn on from the minimum to the maximum and from the maximum to the minimum. For a proper operation it is necessary to calibrate the minimum level of regulation. The calibration is carried out using the blade of a small screwdriver on the rear of the calibration trimmers. Turn the trimmer clockwise so that when adjusting via the command button the load does not turn off completely when it reaches the minimum level of brightness. The **TE7636LDM** only has the luminosity intensity memory.

WARNINGS

The dimmer must not be exposed to direct heat sources. The rated load must never be exceeded in any case. The load must always be considered energized.

PROTECTIONS

To protect the dimmer and the load, these electronic devices have to be installed with a fuse. The replacement of the fuse, in case of breakage, must always take place with fuse same features and must be carried out in conditions of total safety.

INSTALLATION RULES

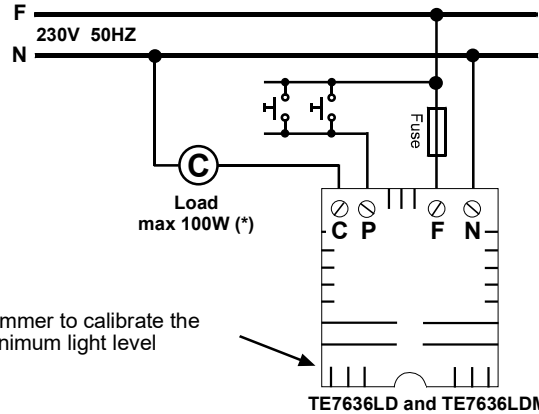
Before operating on the system disconnect the mains acting on the main switch. Be careful to use insulated wires yellow/green only for the ground connection. Always verify that the section of the power supply conductors is adequate for the load supplied and in any case not less than 1.5 mm². Tighten the conductors in the terminals. The installation site must have enough space to dissipate the heat produced. To facilitate the dissipation of heat produced by the controller, when used with a load exceeding 50W leave the space of a module between a regulator and the other in the same junction box, and do not install close to it other products that produce heat.

**UNIVERSAL LIGHT DIMMER MAX 100W 230Vac
FOR RESISTIVE LOAD
COMPATIBLE WITH DIMMABLE LED BULBS
TE7636LD and TE7636LDM**

In compliance with directive EMC and BT , C E .

MADE IN ITALY

Wiring connection of TE7636LD and TE7636LDM



C : resistive load, compatible with dimmable LED bulbs

(*) For LED spotlights and bulbs downgrade the max power of the dimmer as explained in the instructions.

(*)Downgrade with LED spotlights/bulbs. The dimmer is in compliance with C E directives for 100W resistive, for dimmable LED spotlights or bulbs, downgrade the maximum power of the dimmer with reference to 400W max resistive downgraded following the directives of the LED spotlights/bulbs producer. (eg: if the manufacturer specifies that the power of the LED bulb/spotlight applicable is 1/10 of the maximum power that the dimmer can manage, be careful to use a load not exceeding 400W :10 = 40W). In any case never exceed 100W load.