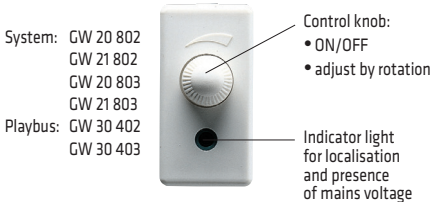


DIMMER

Rotating electronic regulators, for resistive/inductive loads

Dimmer with conventional potentiometer adjustment and static switching off by turning the knob on position zero.

Reference standards: EN 60669-1; EN 60669-2-1

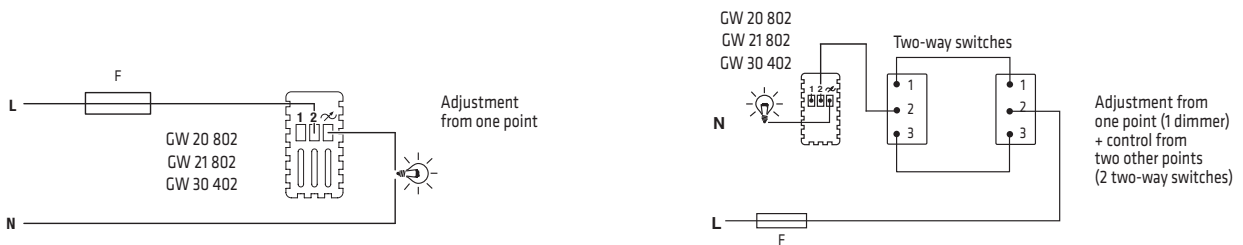


Typical use:

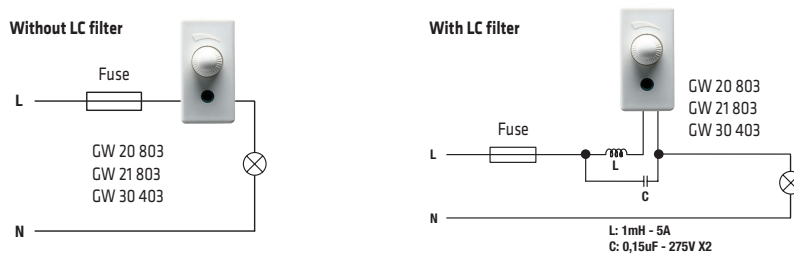
- Domestic sector for light source adjustment.

TECHNICAL DATA	GW 20 802 - GW 21 802 - GW 30 402		GW 20 803 - GW 21 803 - GW 30 403 ()	
Technology	with TRIAC		with TRIAC	
Rated voltage at 50/60Hz	230V	110V	230V	110V
Adjustable power	100-500W	50-250W	100-900W	100-500W
Adjustable load				
- Incandescent and halogen lamps	•	•	•	•
- Toroidal and lamellar transformers			•	•
- Manifold engines			•	•

▲ Items designed solely to export to a limited number of countries outside the European Union or proposed as candidate and to the European Free Trade Association.



The conformity to EMC Directive is guaranteed only connecting the GW 2x 803 or GW 30 403 regulators to a LC filter as showed in the following wiring diagram.



WARNINGS

- The connection should be made together with a fuse carrier (eg. GW 2x 401) with a quick-acting fuse with high breaking capacity type F2.5AH 250Vac (for GW 2x 802 and GW 30 402) or type F5AH 250Vac (for GW 2x 803 and GW 30 403) as shown in the diagrams.
- The regulator does not have a mechanical circuit breaker in the main circuit and so is not galvanically separated. The circuit load should be considered always under voltage.
- The conductors should be pushed down to the bottom of the box. Do not let the conductors in the box contact the walls of the regulator.
- Do not install the regulator near thermostats or chronothermostats.
- Max n.1 regulator in the same round/square box. Max n.2 regulators in the same rectangular box; for installations with 2 regulators in the same box, the maximum loads controllable by each regulator should be reduced by 50%. The side-by-side installation of several products in a single box is not permitted: insert a blanking module between two electronic devices.
- It should be used in dry, dust-free places at a temperature between 0°C and +35°C.