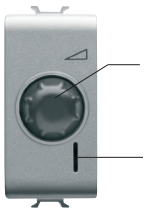
DIMMER

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

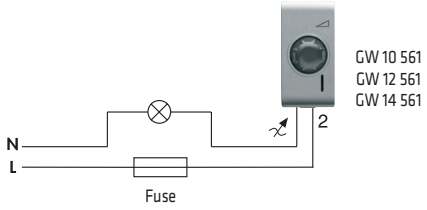


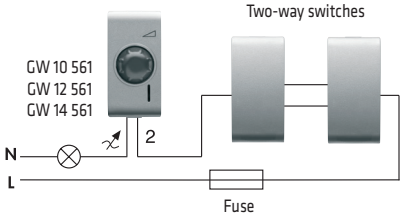
Control knob:
- ON/OFF
- adjustment via rotation

Indicator light for localisation and presence of mains voltage.

TECHNICAL DATA		
Product code	GW 10 561 - GW 12 561 - GW 14 561	GW 10 564 - GW 12 564 - GW 14 564 (*)
Technology	with TRIAC	with TRIAC
Power supply voltage	230V ac	230V ac
Max. power of resistive load	100 - 500W	100 - 900W
Max. power of inductive load		40 - 300VA
Adjustable load		
- Incandescent and halogen lamps	•	•
- Toroidal and lamellar transformers		•
Dimensions	1 Chorus module	1 Chorus module

(*) GW 10 564 - GW 12 564 - GW 14 564 - item designed solely to a limited number of countries outside the European Union or proposed as candidate and to the European Free Trade Association.

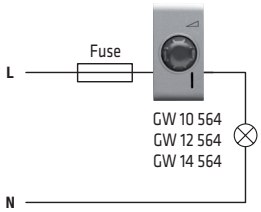




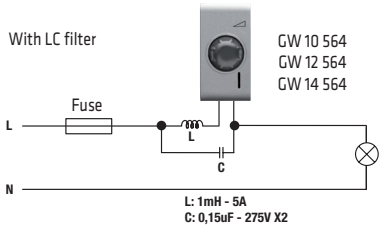
Typical use:
- Domestic sector for light source adjustment.

The conformity to EMC Directive is guaranteed only connecting the GW1x564 regulator to a LC filter as showed in the following wiring diagram.

Without LC filter



With LC filter



WARNINGS
- The connection should be made together with a fuse carrier (eg. GW1x491) with a quick-acting fuse with high breaking capacity type F2.5AH 250Vac (for GW1x561) or type F5AH 250Vac (for GW1x564) 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.