VIMAR
03991 Quid Step
Relay Module

VIMAR 03991 Quid Step Relay Module Instruction Manual

Contents

VIMAR 03991 Quid Step Relay Module

Specifications

- AC1 Rated Load: 10 A (6,000 cycles)
- AC15 Rated Load: 2.2 A (5,000 cycles)
- Resistive Loads: 10 A (20,000 cycles)
- Incandescent Lamps: 3 A (20,000 cycles)
- Fluorescent Lamps: 100 W (20,000 cycles)
- Energy-Saving Lamps: 100 W (20,000 cycles)
- LED Lamps: 100 W (20,000 cycles)
- Electronic Transformers: 2 A (20,000 cycles)
- LED Strip Power Supplies: 200 W (20,000 cycles)

Product Usage Instructions:

Installation Rules:

- Ensure compliance with BT Directive, EMC Directive, and RoHS Directive.
- Adhere to standards EN IEC 60669-2-1 and EN IEC 63000.

Front View – Product Components:

Connection Details:

- P = Button Input ON/OFF

- 1 = Load Output
- L = Line

Connection Terminals:

- N: Input for wired ON/OFF button relative to neutral
- L: Input for wired ON/OFF button relative to the phase
- C: Common connected to phase
- NO: Normally open potential-free output

Dark Identification Button Connection for Models 03991 and 03994:

Models Information:

- 03991: Silent module for ON/OFF, button wiring on N
- 03992: Silent module for ON/OFF and centralized lights shutdown
- 03993: Silent module for ON/OFF with 2 sequential outputs
- 03994: Silent module for ON/OFF, button wiring on N or L
- xx196: Switch for centralized management of recessed shutters
- 03996: Centralized management module for shutters
- 03997: Group shutter management module

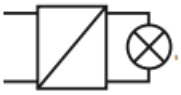
03991 – Magnetic Quid relay module with sequential ON/OFF pulses, 1 input for NO push button, 1×10 AX 220-240 V~ 50/60 Hz relay out-put, installation in junction boxes or connector block boxes.
03994 – Magnetic Quid relay module with sequential ON/OFF pulses, 1 input for NO push button, 1×10 AX 220-240 V~ 50/60 Hz volt-free output, installation in junction boxes or connector block boxes.

The device, which can be installed in connector block boxes and placed underneath the blank module or inside the junction boxes declared as suitable for electri-cal devices that dissipate energy, turns a load on or off following a signal received from a push button.

CHARACTERISTICS.

- Rated supply voltage: 220 – 240 V~ 50/60 Hz.
- Max. 1 switching per second.
- Max 8 push buttons with colored pilot lilight0936.250.x-00943.x wired in par-allel with the NO control push button for visible in darkness function.
- It should be used in dry, dust-free places at a temperature of between 0 °C and + 35 °C.
- Dissipated power: 1.5 W with load ON and max. current 10 A 0 W and no absorption with load OFF
- Art. 03991:
  - ON/OFF control via NO push buttons.
  - Relay output (1, L) for lights control 10 AX 220-240 V 50/60 Hz
- Art. 03994:
  - ON/OFF control via NO push buttons writeable concerning phase or neutral.
  - Volt-free output.

SUPPLEMENTARY DECLARATION MADE BY THE MANUFACTURER.

- Relay output (220- 240 V~ controllable loads):
  - rated load in AC1: 10 A (6.000 cycles);
  - rated load in AC15: 2.2 A (5.000 cycles);
  - resistive loads  : 10 A (20.000 cycles);
  - incandescent lamps  : 3 A (20.000 cycles);
  - fluorescent lamps  : 100 W (20.000 cycles);
  - energy saving lamps  : 100 W (20.000 cycles);
- LED lamps  : 100 W (20.000 cycles);
- electronic transformers  : 2 A (20.000 cycles);
- power supply units for LED strips: 200 W (20.000 cycles).

INSTALLATION RULES.

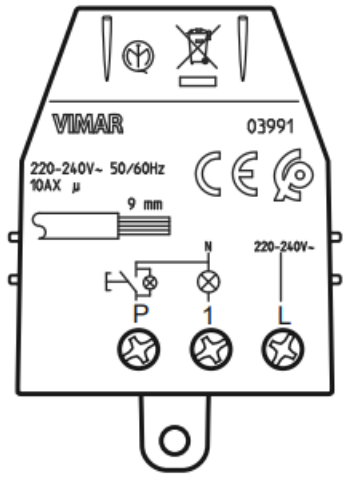
- Installation must be carried out by qualified persons in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.
- The electronic switch shall be protected by a directly associated fuse with a rated breaking capacity of 1500 A or ca circuit breaker with a rated current not exceeding 10 A.
- Since these are retrofit devices, art. 03991 and 03994 must always be installed in protected boxes.

REGULATORY COMPLIANCE.
LV Directive. EMC directive. EN IEC 60669-2-1, EN 63000 standard.
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

WEEE – User information
The crossed bin symbol on the appliance or its packaging indicates that the product at the end of its life must be collected separately from other waste. The user must therefore hand the equipment at the end of its life cycle over to the appropriate municipal centres for the differentiated collection of electrical and electronic waste. As an alternative to independent management, you can deliver the equipment you want to dispose of free of charge to the distributor when purchasing a new appliance of an equivalent type. You can also deliver electronic products to be disposed of that are smaller than 25 cm for free, with no obligation to purchase, to electronics distributors with a sales area of at least 400 m2. Proper sorted waste collection for subsequent recycling, processing, and environmentally conscious disposal of the old equipment helps to prevent any pos-sible negative impact on the environment and human health while promoting the practice of reusing and/or recycling materials used in manufacture.

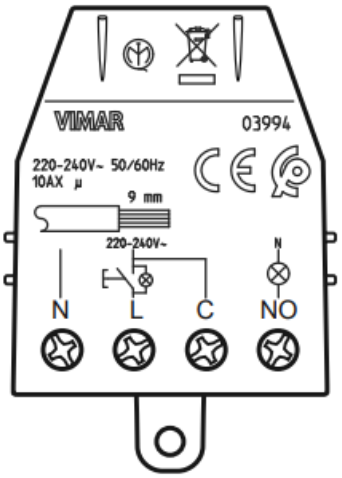
FRONT VIEW

03991



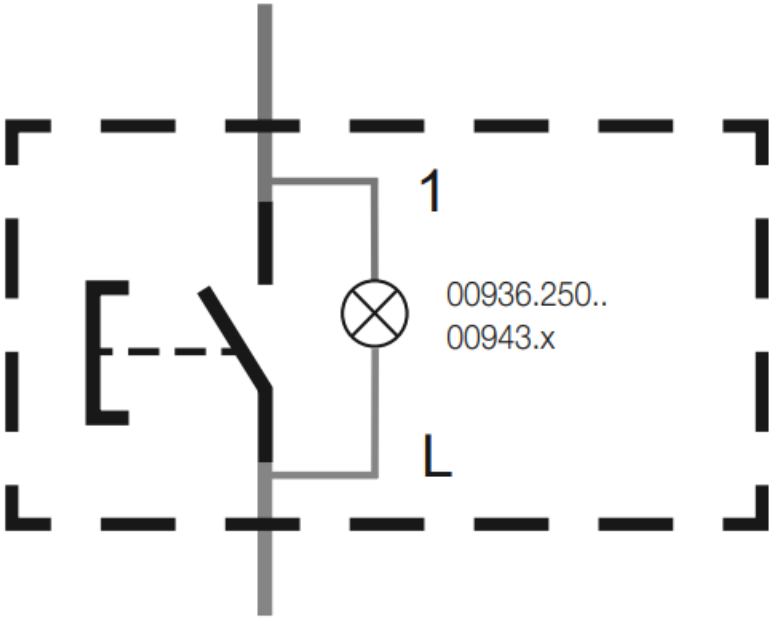
- P = ON/OFF push button input
- I = Load Output
- L = Line

03994



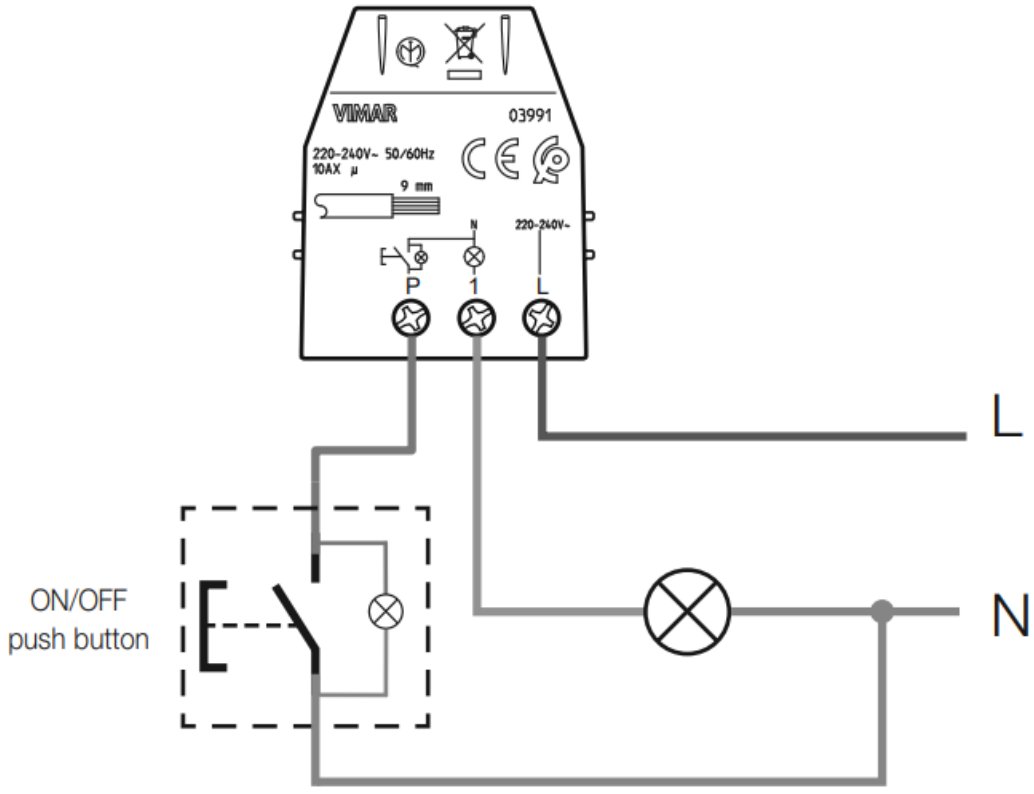
- N: input for ON/OFF push button wired concerning neutral (terminal L should be connected directly to phase).
- L: input for ON/OFF push button wired concerning phase (terminal N should be connected directly to neutral).
- C: common to be connected to phase
- NO: Volt-free output normally open.

CONNECTION OF VISIBLE-IN-DARKNESS PUSH BUTTON FOR 03991 AND 03994



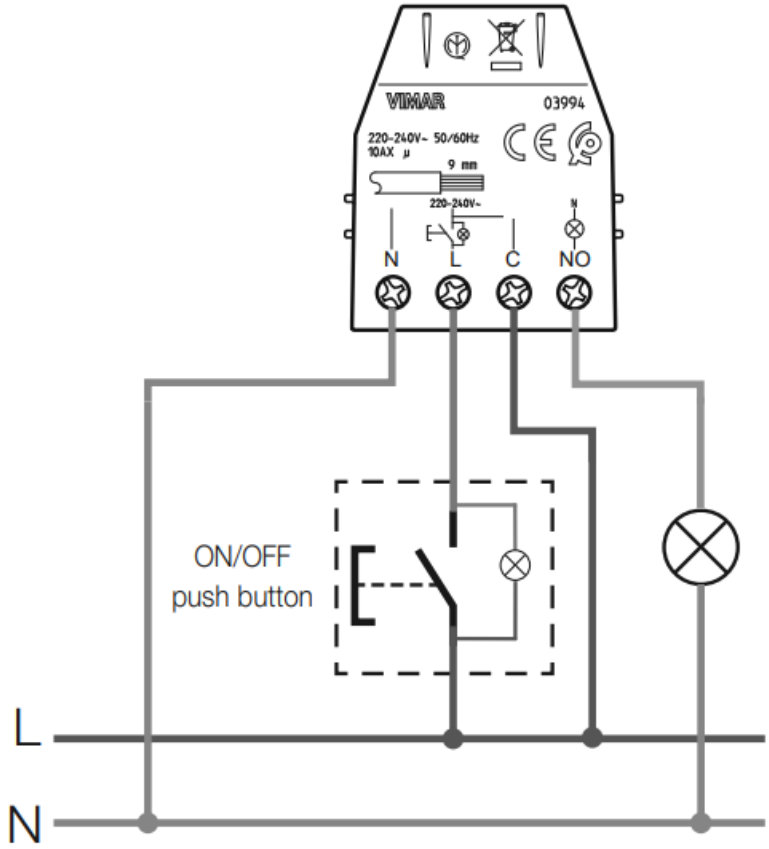
When pressing the control push button, the visible-in-darkness pilot light switches off.

03991 CONNECTIONS

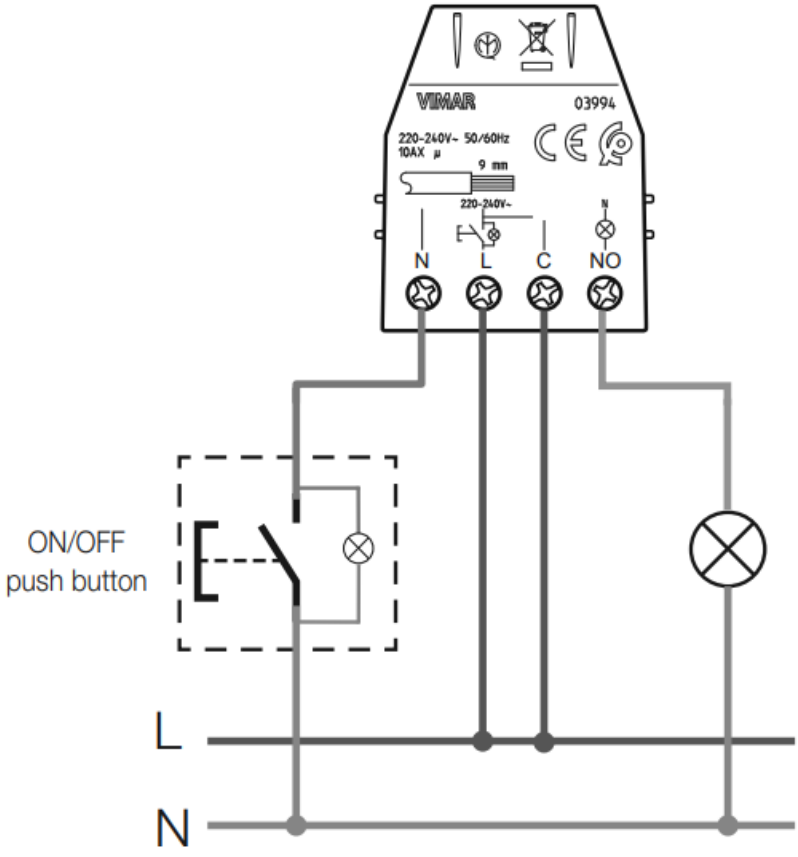


03994 CONNECTIONS

Connection example with NO control push button wired to L



Connection example with NO control push button wired to N



QUID DEVICES		
	03991	Silent module for ON/OFF, push button wiring on N
	03992	Silent module for ON/OFF and centralized ON/OFF of lights
	03993	Silent module for ON/OFF with 2 sequential outputs
	03994	Silent module for ON/OFF, push button wiring on N or L
	xx196	Flush mounting switch for centralized management of roller shutters
	03996	Module for centralized management of roller shutters
	03997	Module for roller shutter group management

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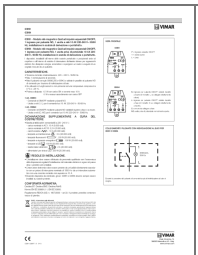
FAQs

Q: What is the maximum load capacity of the device?
A: The device can handle a maximum load of 10 A for AC1-rated loads and various other loads as per specifications.

Q: How should the device be wired for optimal performance?
A: Follow the provided installation rules and ensure the correct wiring of the ON/OFF button to the designated terminals.

Documents / Resources

	**VIMAR 03991 Quid Step Relay Module** [pdf] Instruction Manual 03991, 03991 Quid Step Relay Module, Quid Step Relay Module, Relay Module, Module

References

- **User Manual**