



# VIMAR 16974.B Actuator With Changeover Relay Instructions

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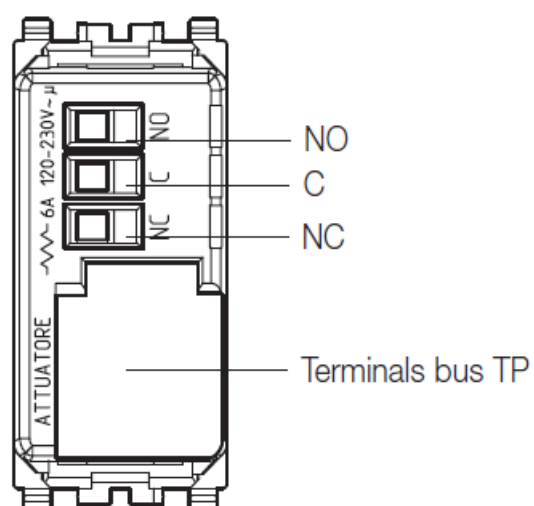
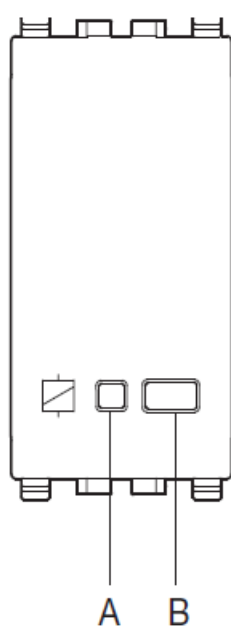
**VIMAR**

**VIMAR 16974.B Actuator With Changeover Relay**



Actuator with changeover relay output 16 A – 230 V.


## FRONT AND REAR VIEW



- **A:** Led
- **B:** Configuration button

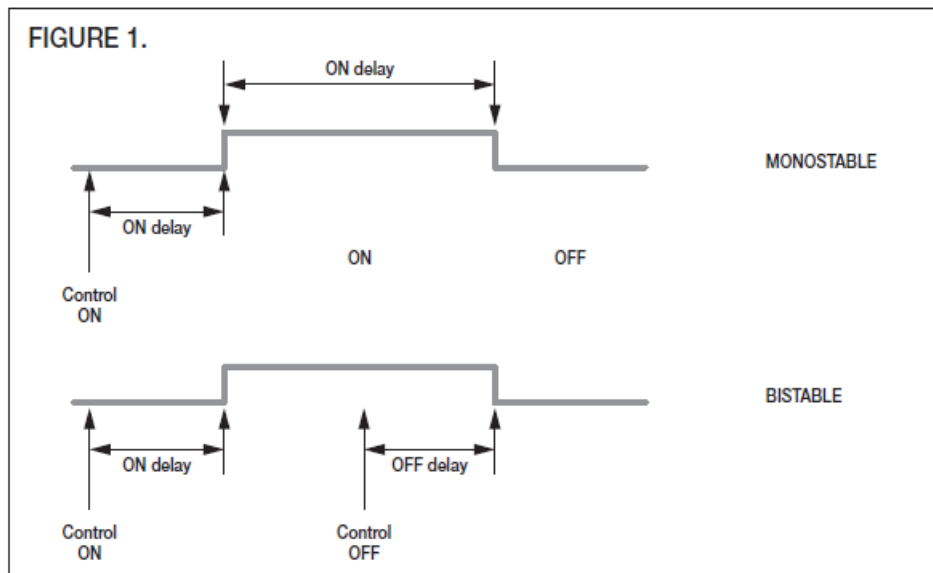
**N.B.** Graphic representation of the Linea series. Position of terminals, wiring and functions also identical for Eikon, Arké, Idea and Plana.

## CHARACTERISTICS

- **Rated supply voltage:** BUS 29 V
- **Input:** 10 mA
- Changeover relay output
- Controllable loads at 120-230 V~ (contact NO):
  - **resistive loads:** 6 A (20.000 cycles)
  - **incandescent lamps:**  6 A (20.000 cycles)
  - **fluorescent lamps and energy saving lamps:** 1 A (20.000 cycles)
  - **electronic transformers:** 4 A (20.000 cycles)
  - **ferromagnetic transformers:** 6 A (20.000 cycles)
- Controllable loads at 120-230 V~ (contacts NO and NC):
  - motors cos  $\phi$  0.6: 3,5 A (100.000 cycles)
- Terminals:
  - TP bus
  - relay contacts (NC, C, NO)

## CONFIGURATION

FOR THE OPERATIONS OF INSTALLATION AND CONFIGURATION, SEE THE By-me Plus SYSTEM INSTRUCTIONS MANUAL.



- **Functional blocks:** 1
- **Selecting the functional block (configuration):** during group creation, when the app requires pressing the device button:
  - press the button, the LED will light up;
  - with the LED on, the app will configure the functional block; at the end of this operation the LED will go out.

## PARAMETERS

- one- or two-position stable operation;
- on delay and off delay: a value between 0 and 200 gives the time in seconds, a value between 201 and 250 gives the time in minutes (for example 201 = 1 minute, 202 = 2 minutes, etc.);

### *One-position stable operation*

- **On delay:** delay in closing the NO contact of the relay from receiving the close command.
- **Off delay:** time for which the relay has the NO contact closed.

### *Two-position stable operation*

- **On delay:** delay in closing the NO contact of the relay from receiving the ON command.
- **Off delay:** delay in opening the NO contact of the relay from receiving the OFF command.

**Note:** If a group is created with a number of relays in one-position stable mode, set for all the same on and off delays and do not insert any other types of actuator in the same group; in this way, it is possible to have the status of the one-position stable relay indicated on the control button. For special requirements it is possible to use the group depth (for example to switch on two-position stable relays or dimmers with a single button).

- Default parameters: relay set on two-position stable operation with null on and off delay.

## SCENARIOS

- The actuator can belong to multiple scenarios and, for each one of them, save the status to retrieve when activating the scenario. For further details see the control panel manual.

## INSTALLATION RULES

Installation should be carried out by qualified staff in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed. The feeding circuit of the relay output must be protected against overloads by a device, fuse or automatic circuit breaker, with rated current not higher than 10 A.

## CONFORMITY

- LVD directive. EMC directive. RoHS directive.
- Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN IEC 63000.
- REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

## WEEE – Information for users

If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life. The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one. Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400 m<sup>2</sup>, if they measure less than 25 cm. An efficient sorted waste collection for the environmentally friendly disposal of the used device,

or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.

- Viale Vicenza, 14 36063 Marostica VI – Italy
- [www.vimar.com](http://www.vimar.com)

## Documents / Resources

	<p><a href="#">VIMAR 16974.B Actuator With Changeover Relay</a> [pdf] Instructions 16974.B Actuator With Changeover Relay, 16974.B, Actuator With Changeover Relay, With Changeover Relay, Changeover Relay, Relay</p>
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