VIEW WIRELESS SMART HOME

03985 - IoT connected 4out relay multifunction actuator

The connected actuator is a DIN rail device (60715 TH35) equipped with 4 independently programmable relay outputs 16(3.5) AX and can be configured in “Lights”, “Accesses”, “Climate control”, “Various”, “Roller shutters” and “Load control” applications. It also allows the climate control through multi-zone valve control or the fan coil speed control.

To control the actuator from other devices (such as IoT controls art. 30801-xx0591) they need to be configured with the View Wireless App within a group.

Download the View Wireless App from the stores onto the tablet/smartphone you will be using for configuration.

When the device is powered for the first configuration, we recommend you search for any new firmware and perform the update.

You will also need:

Gateway art. 30807.x-20597-19597-14597
View App for management via smartphone/tablet
Amazon Alexa, Google Assistant, Siri (Homekit) voice assistants for possible voice operation.

CONFIGURATION IN Bluetooth®

1. Create your Installer account on MyVIMAR (on-line).
2. Wire all the devices in the system (2-way switches, relays, thermostats, gateway, etc.).
3. Start the View Wireless App and log in with the credentials you just created.
4. Create the system and the environments.
5. Associate all the devices with the environments, except for the gateway (which should be associated last).
   To associate the actuator:
   - Select “Add” ( ), choose the environment to place it and give it a name
   - Select ; activate the Bluetooth connection on your tablet/smartphone and approach the actuator
   - Press the CONF push button and set the desired function
   - For each relay output, choose the application with which to associate it
6. For every device, set the function, the parameters and any accessory devices (wired or radio control and related function).
7. Transfer the configuration of the devices to the gateway and connect it to the Wi-Fi network.
8. Transfer the system to the Administrator user (who must have created his/her profile on MyVIMAR).

For details, see the View Wireless App manual that can be downloaded from the www.vimar.com website.

CONTROLLABLE LOADS.

- Relay output (controllable loads at 100 - 240 V~, NO contacts):
  - heating load 16 (3.5) A (100,000 cycles)
  - LED lamps : 100 W-240 V~, 30 W-120 V~ (20,000 cycles);
- Relay output (controllable loads at 100 - 240 V~, NO and NC contacts):
  - cos ø 0.6 motors: 3.5 A (20,000 cycles).

RESET PROCEDURE.

The reset restores the factory settings. Within the first 5 minutes from powering the device, press CONF for 30 s until the white LED flashes.

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.
- Do not connect a SELV circuit to an output adjacent to another one connected to the mains voltage.
- The electronic 1-way switch must be protected by directly associated fuses with a rated breaking capacity of 1500 A or by automatic 1-way switches with a rated current not exceeding 16 A.

CAUTION: the sum of the currents circulating on the 4 relay outputs must not exceed 32 A, distributed across circuits that are separately protected by the protection devices specified.

CHARACTERISTICS.

- Rated supply voltage: 100-240 V~, 50/60 Hz.
- Dissipated power: 5 W
- RF transmission power: < 100mW (20dBm)
- Frequency range: 2400-2483.5 MHz
- 4 relay outputs (NC, NO, C) for controlling lights; relays 1+2 and 3+4 can be grouped for roller shutter control.
- For use for the fan coil function for fixed speed V1, V2 and V3 management.
- For use in the Energy application.
- Push buttons for manual relay control.
- Push button to enable/disable the manual controls.
- LED for relay status.
- LED and configuration/reset push button.
- The actuator can be controlled by other devices (such as IoT controls art. 30801-xx0591), by configuring them with the View Wireless App within the groups.
- Protection degree: IP20.
- Operating temperature: -5 °C ÷ +45°C (indoor use).
- Overall dimensions: 4 modules size 17.5 mm for installation on DIN rail (60715 TH35)
- Controllable via View App, Amazon Alexa, Google, Siri and Homekit voice assistantfor Bluetooth technology system.

MANUAL MANAGEMENT.

Pressing the button enables the use of the buttons for actuating the relays. All messages from the gateway are ignored.

- If the device is reset each relay is controlled with its own button.
- If the device is configured, the relays configured individually are controlled by the relevant button while the relays configured in pairs for roller shutter control are controlled by the buttons for the UP function (▲) and DOWN function (▼) with a reversal time in the passage from UP to DOWN.

In normal operation, pressing the relay actuation buttons is ignored.

REGULATORY COMPLIANCE.

RED Directive. RoHS directive.

Standards EN IEC 63000, EN IEC 60669-2-1, EN 301 489-17, EN 300 328, EN 62479.

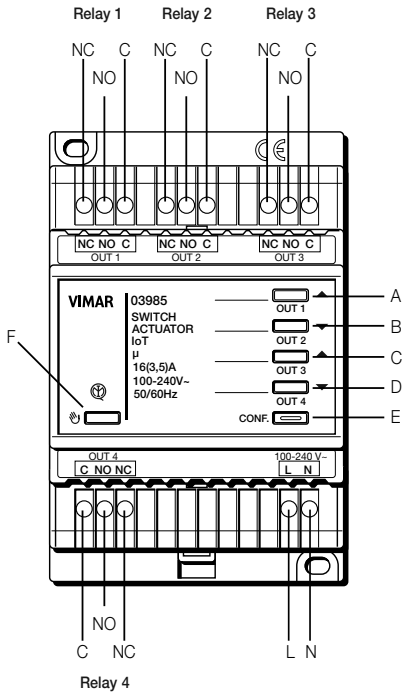
Vimar SpA declares that the radio equipment complies with Directive 2014/53/EU. The full text of the EU declaration of conformity is on the product sheet available on the following website: www.vimar.com

REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

WEEE - User information

The crossed out bin symbol indicates that the product must be sent to separate collection facilities for recovery and recycling, in compliance with the national laws of EU Countries that implement the WEEE Directive. The objective is to prevent any harmful effects on the environment and on human health by ensuring that products are disposed of correctly, avoiding illegal disposal sanctioned by law.
To dispose of the product correctly, please check local dispositions in your country.

FRONT VIEW



A: LED and Push button to actuate relay 1

B: LED and Push button to actuate relay 2

C: LED and Push button to actuate relay 3

D: LED and Push button to actuate relay 4

E: LED and configuration/reset push button

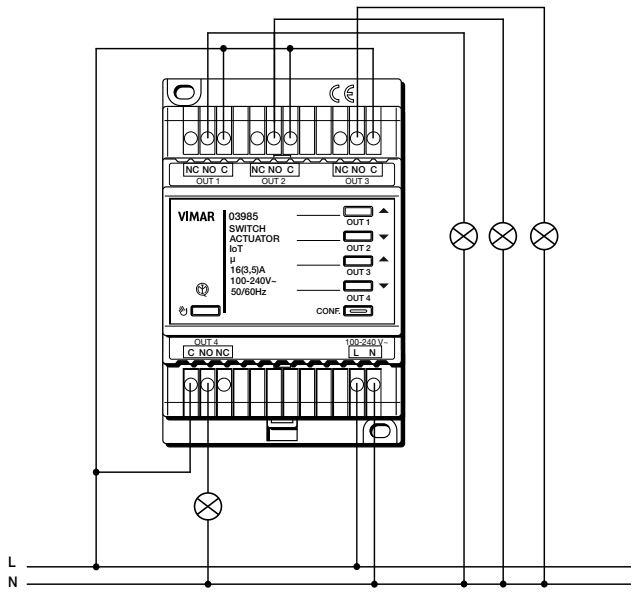
F: Manual mode push-button

CE

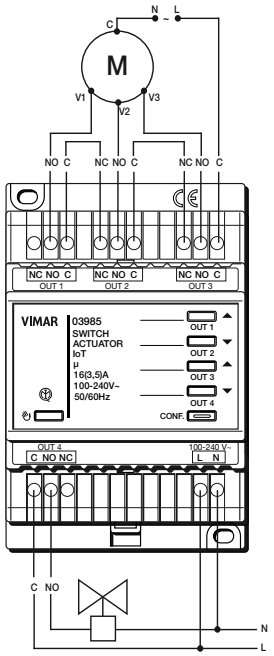
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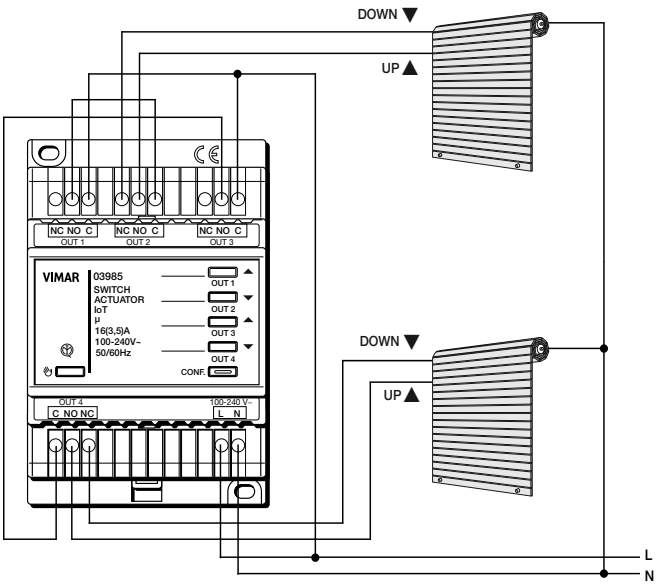
CONNECTION FOR LOADS AND LIGHTS ACTUATOR



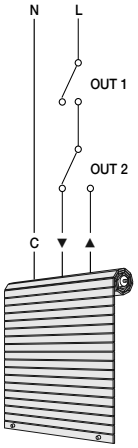
CONNECTION FOR FAN COIL WITH INTERLOCKING FUNCTION



CONNECTION OF RELAY 1/2 AND RELAY 3/4 FOR ROLLER SHUTTER ACTUATOR

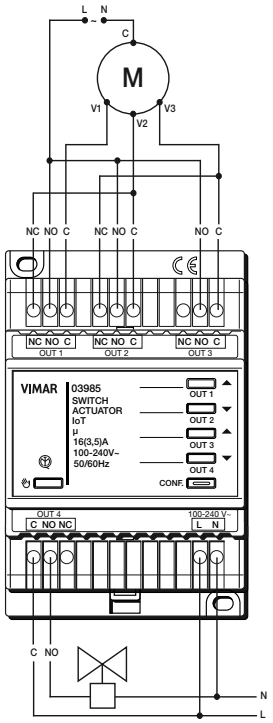


Internal relay connection



OUT 1: Cuts off the power supply
OUT 2: Inverts the direction of movement of the roller shutter
This function creates the interlock.

CONNECTION FOR FAN COIL WITH SERIES-WOUND SPEED SETTINGS



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