

## Connected actuator

The actuator is equipped with a relay output with a current meter and a front push button with which to reset the load and perform configuration/reset. Its function is to protect against overcurrent by cutting off the load when the threshold value set via the View Wireless App is exceeded; the load cut-off is signalled via the red flashing of the LED situated on the front of the device. Load reactivation, aside from the front push button, can also be done via the View App. The View App also makes it possible to view the instant power consumed.

### TWO OPERATING MODES (ALTERNATIVE)

Bluetooth® or zigbee

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.

Depending on the mode you select, you will need:

Bluetooth®	zigbee
Gateway art. 30807.x-20597-19597-14597	Smart Home Hub
View App for management via smartphone/tablet	Samsung SmartThings Hub Amazon Echo Plus, Eco Show or Echo Studio
Amazon Alexa, Google Assistant, Siri (Homekit) voice assistants for possible voice operation	

### CONFIGURATION IN Bluetooth®

- Create your Installer account on MyVimar (on-line).
- Wire all the devices in the system (2-way switches, actuators, thermostats, gateway, etc.).
- Start the View Wireless App and log in with the credentials you just created.
- Create the system and the environments.
- 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 front push button and set the desired function
- For every device, set the function, the parameters and any accessory devices (wired or radio control and related function).
- Transfer the configuration of the devices to the gateway and connect it to the Wi-Fi network.
- Transfer the system to the Administrator user (who must have created his/her profile on MyVimar).

For full details, see the View Wireless App manual that can be downloaded from the [www.vimar.com](http://www.vimar.com) website.

### CONFIGURATION IN zigbee

Follow the procedure above from points 1 to 3.

Associate the device directly to a ZigBee Hub (e.g. Amazon Echo Plus, SmartThings Hub)

- Download the Zigbee software onto the device using the View Wireless App (see the View Wireless App manual). Press the front push button until the LED flashes. To update the software on the device, the procedure is the same.
- After conversion to Zigbee technology (or the software update), the actuator automatically goes into pairing mode for 5 minutes. If the actuator is not in pairing mode, cut off the power supply and restore it after a few seconds.
- Associate the actuator according to the procedure envisaged by the ZigBee Hub.

Set the actuator parameters.

- Within the first 5 minutes after the device has been powered (already associated with a ZigBee Hub), press the front push button for 15 s; this way, you can select the relay operation - between one-position stable and two-position stable (the LED flashes green for the two-position stable setting and amber for the one-position stable setting).
- Briefly press the front push button to switch from two-position stable to one-position stable and vice versa; once the choice has been made, press the front push button for 5 s to confirm. If you have set the two-position stable setting, the LED flashes green three times, whereas if you have chosen the one-position stable setting, you will move on to the next step (3).
- Press the front push button for 5 s to set the one-position stable activation time. Press the front push button briefly, the output is activated and the LED lights up amber permanently; at the end of the time you wish to set, press the front push button again. The output is deactivated and the LED flashes amber for 3 times to confirm the setting made.

N.B. When the voltage returns after a power outage, the relay maintains the state in which it was prior to the power supply cut out.

Summary of Zigbee technology mode signalling.

• During normal operation:

LED	Meaning
On (white for Linea, amber for Eikon, blue for Arké, green for Idea and Plana)	Relay active
Off	Relay not active

• In the configuration phase:

LED	Meaning
Flashing white (for max 5 min.)	Zigbee mode active hub gateway association
Flashing blue (for max 2 min.)	Pending receipt of a fw update
Blue permanently lit	Device associated via Bluetooth with the smartphone
Flashing green during one-position/two-position stable configuration (for max 5 min.)	Setting in two-position stable
Flashing amber during one-position/two-position stable configuration (for max 5 min.)	Setting in one-position stable
Amber permanently lit	One-position stable time setting
Flashing green 3 times	Confirms two-position stable setting
Flashing amber 3 times	Confirms one-position stable setting
Flashing green rapidly 3 times	Device correctly associated with the voice assistant
On (white for Linea, amber for Eikon, blue for Arké, green for Idea and Plana)	Relay active during normal operation

### CONTROLLABLE LOADS.

Loads						Heating
100 V~	16 A	8 A	30 W	0.5 A	4 A	16 (3.5) A
240 V~	16 A	8 A	100 W	0.5 A	4 A	16 (3.5) A

### RESETTING THE RELAY MODULE.

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

### 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 device must be installed in flush mounting boxes or surface mounting boxes with Linea, Eikon, Arké, Idea and Plana mounting frames and cover plates.
- Installation must be carried out in mounting boxes with a depth of more than 48 mm.
- The relay output power circuit must be protected against overloads by installing a device, fuse or automatic 1-way switch, with a rated current not exceeding 16 A.

### CHARACTERISTICS.

- Rated supply voltage: 100-240 V~, 50/60 Hz.
- Dissipated power: 0.85 W
- RF transmission power: < 100mW (20dBm)
- Frequency range: 2400-2483.5 MHz
- Terminals:
  - 2 terminals (L and N) for line and neutral
  - 1 terminal (1) for the relay output in voltage
- 1 front push button for load control and for configuration/reset.  
If configured in the "Energy" application, it forces the output ton for the time set on the View App.
- RGB LED indicating the output status (which can be set from the View Wireless App) and the configuration status (flashing blue)
- In Bluetooth technology mode, you can associate up to 2 radio devices (art. 03925) which make it possible to control the actuator or activate a scenario.
- Operating temperature: -10 ÷ +40 °C (indoor)
- Protection degree: IP20

- Configuration from View Wireless App for Bluetooth technology system and Amazon App for Zigbee technology.
- Controllable via View App.

### OPERATION IN Bluetooth technology MODE.

The device operates by default in Bluetooth technology mode and this standard makes it possible to associate the radio control 03925 which can be configured to control the actuator on-board or to recall a scenario.

If configured in the "Energy" application, the radio control forces the output on (by pressing the upper key) and removes the forcing (by pressing the lower key)

Through the use of gateway 30807.x-20597-19597-16497-14597 the functions can be managed locally or remotely via the View App, and the control is also available via the voice assistants Alexa, Google Assistant and Siri.

The device is also compatible with Homekit.

**N.B.:** From fw version 1.7.0, the device works as a repeater node for battery-operated devices (for instance art. 03980).

### Settings.

The View Wireless App can be used to set the following parameters:

- RGB LED for backlighting: colour can be selected from a default list (default: amber for Eikon, blue for Arké and green for Idea and Plana).
- LED brightness: off, low, medium, high for active load (default setting: high) and for load off (default: off).
- Load cut-off threshold function: active or not active (default: not active).

- Consumption threshold for load cut-off (default: 3680 W).
- Load status when the voltage is restored: off, on or previous status (default: previous status).
- Relay operation: two-position stable or one-position stable (default: two-position stable).
- One-position stable activation time (default: 60 s).

### REGULATORY COMPLIANCE.

RED Directive. RoHS directive.

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

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](http://www.vimar.com)

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 on 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 m<sup>2</sup>. Proper sorted waste collection for subsequent recycling, processing and environmentally conscious disposal of the old equipment helps to prevent any possible negative impact on the environment and human health while promoting the practice of reusing and/or recycling materials used in manufacture.

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