| Eikon | Arké | Idea | Plana |
|---|---|---|---|
| 20593 | 19593 | 16493 | 14593 |

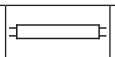
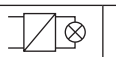
**View Wireless electronic control device with NO 16 A 100-240 V~ 50/60 Hz relay output, local control with push button or remote control, double IoT technology on Bluetooth® technology 5.0 standard for the creation of View Wireless mesh system and on Zigbee 3.0 standard, function for measuring the instant power and load cut-off threshold, RGB LED visible in darkness with brightness control, 100-240 V 50/60 Hz power supply.**

The device 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. The device has the possibility of being controlled with two different radio standards (exclusive to one another): Bluetooth mesh (default) or Zigbee (which can be set via the View Wireless App). The Bluetooth mesh network implies the presence of gateway 20597-19597-16497-14597 while for the dialogue via Zigbee a Zigbee gateway is required (such as Amazon Echo Plus, Echo Show or Echo Studio).

## FEATURES.

- 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.
- 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 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 from View App.

## 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 |

## 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.
Through the use of gateway 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 Plana).
- LED brightness: off, low, medium, high for active load (default setting: high) and for off load (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).

Reset procedure
To perform the reset and return the device to its factory settings, during the first 5 minutes that the device is powered, press the front push button for 30 s until the white LED flashes.

## CONFIGURATION.

**For configuration operations on the system in Bluetooth technology mode please see the instruction manual for the View Wireless App.**

## OPERATION IN Zigbee technology MODE.

For operation in Zigbee technology mode, the device should be associated with the Amazon voice assistant which supports this standard, for instance Amazon Echo Plus, Echo Show or Echo Studio, and the following parameters can then be set on the front push button:
- Relay operation: two-position stable or one-position stable (default: two-position stable).
- One-position stable activation time.

For the device to be associated with Amazon Echo Plus, Echo Show or Echo Studio, it needs to be converted from Bluetooth to Zigbee using the View Wireless App, then set it to pairing mode and subsequently follow the procedure provided by the voice assistant. The Amazon Alexa App will signal this procedure is complete accompanied by three green flashes of the device LED.

Pairing mode activation.
- Immediately after conversion to Zigbee technology (or the software update), the device will automatically go into pairing mode so that it can be recognised by the Amazon device within 5 minutes.
- If the device is not in pairing mode, you can start this setting by cutting off the power supply to the device and restoring it after a few seconds.
- Pairing mode lasts 5 minutes, after which it is automatically disabled.

Manual sequence for parameter setting.
1) During the first 5 minutes after the device has been powered (already associated with Alexa), press the front push button for 15 s; this way, you will enter the relay operation selection phase - 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).
2) 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 the two-position stable setting has been set, the procedure is complete and the LED will confirm this with three green flashes, whereas if the one-position stable setting has been set, you will move on to the next step (3).
3) In the event of the one-position stable setting (i.e. with the LED flashing amber), press the front push button for 5 s to enter the one-position stable activation time selection phase. 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.

LED indications in Zigbee technology mode.
- During normal operation:

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

| Eikon | Arké | Idea | Plana |
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• In the configuration phase:

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

## 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 Eikon, Arkè, Idea and Plana supports 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.

## REGULATORY COMPLIANCE.

RED Directive. RoHS directive.

Standards EN 60669-2-1, EN 301 489-17, EN 300 328, EN 62479, EN 50581.

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 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 m². 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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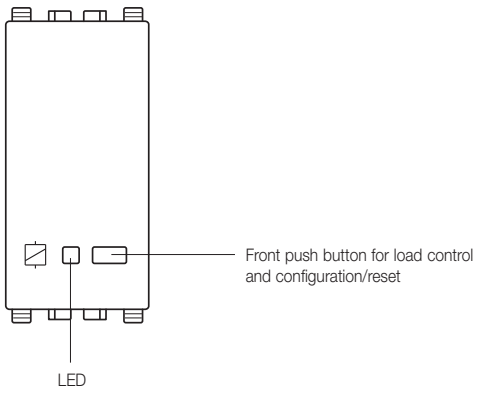
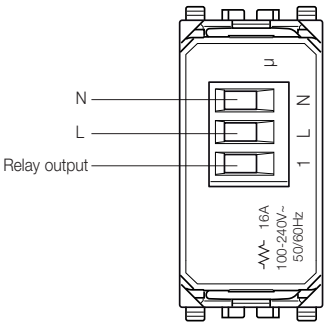
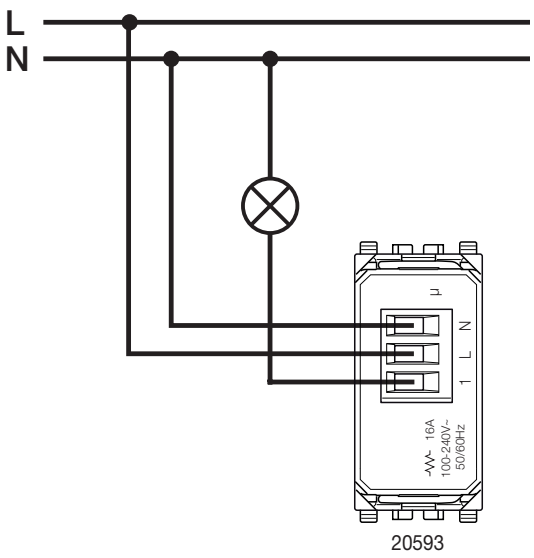
## FRONT AND BACK VIEW




## CONNECTIONS

1. Example of connection to the load

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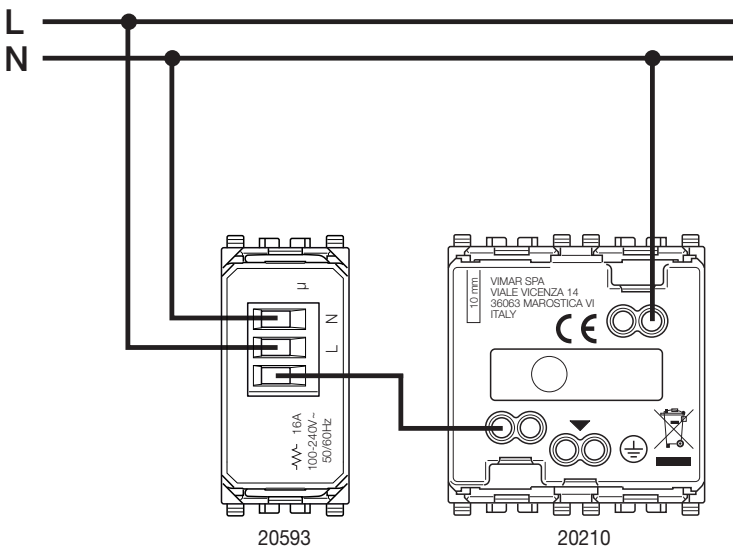
2. Example of connection to the socket outlet

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