LINEA	EIKON	ARKE'	IDEA	PLANA
30804	20594.0	19594.0-19594	16494	14594.0-14594

Connected roller shutter control device

30804-20594.0-19594.0-14594.0: to be completed with two interchangeable half-button caps: 1 module.

19594-16494-14594: complete with buttons.

The device is equipped with an output with 2 one-position stable relays with interlocked operation, in other words with mutually exclusive activation of the relays with a minimum interlocking time. In the event of a mains power supply failure, the relays both remain open.
The front buttons of the device only control the on-board roller shutter actuator:
- Short press: if the roller shutter is not moving, the slat rotates; if the roller shutter is moving, it stops.
- Long press: the upper button raises the roller shutter while the lower button lowers it.
- Double pressing of either of the two buttons: recalling of favourite position (this is saved via the VIEW Wireless App).

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 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, actuators, 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 roller shutter control device:
   - 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 device
   - Simultaneously press buttons ▲ and ▼ and set the desired function
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 please refer to the View Wireless App manual you can download from www.vimar.com ➡ DOWNLOAD ➡ View Wireless MOBILE ➡ App

CONFIGURATION IN zigbee

Follow the procedure above from points 1 to 3.

Associate the device directly to a ZigBee Hub (e.g. SmartThings Hub).

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

Set the parameters of the roller shutter control device.

1) Within the first 5 minutes after the device has been powered (already associated with a ZigBee Hub), simultaneously press the buttons for 15 s so you can set the activation time (the LED flashes green during the roller shutter closing, which will take 3 minutes, or until button ▲ is pressed). The LED is permanently lit green and within a timeout of 2 minutes, press button ▲ for a prolonged time to raise the roller shutter. During the raising process the LED flashes green; briefly press button ▲ to stop it. The time that passes between the long press and the short press of button ▲ is the raising/lowering operating time that will be saved by the device (the LED lights up amber).
2) Where present now set the total slat rotation time (however the slat management is usually not supported by zigbee hubs, it is recommended not to set this parameter). Press button ▼, the roller shutter begins to close and the LED flashes amber; when the roller shutter is closed, the LED remains lit in amber permanently. Briefly press button ▲ to increase by he slat rotation time by 200 ms each time, while briefly pressing push button ▼ will decrease it by 200 ms. Each press of the buttons will turn the amber LED off and back on again and will move the slats.
3) Simultaneously press buttons ▲ and ▼ to save the rotation time set; the LED flashes amber quickly three times to confirm the setting.

N.B. If at the beginning of the slat handling time configuration the button is not pressed shortly and the confirmation is given immediately by pressing both buttons at the same time, the slats will be excluded from operation. So in practice, when the roller shutter is in motion, pressing a button briefly will stop it whereas if the roller shutter is not in motion pressing the button briefly will not give rise to any movement.

N.B. When the voltage returns after a power outage, the roller shutter remains at a standstill.

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)	Roller shutter in motion
Off	Roller shutter at a standstill

• 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 with the smartphone via Bluetooth
Flashing green during the time configuration	Roller shutter opening
Green permanently lit during configuration	Pending pressure on the ▲ button after complete closure
Amber permanently lit	Start slat rotation time configuration
Amber on while the button is pressed	Increase or decrease slat rotation time
Flashing amber during the time configuration	Roller shutter closing
Flashing green 3 times	Confirm up and down time configuration mode
Flashing amber 3 times	Confirm slat rotation time configuration
Flashing green quickly 3 times	Device correctly associated with the voice assistant
On (white for Linea, amber for Eikon, blue for Arké, green for Idea and Plana)	Roller shutter in motion during normal operation

CONTROLLABLE LOADS.

Maximum loads	Roller shutter motor
100 V~	2 A cos ø 0.6
240 V~	2 A cos ø 0.6

RESETTING THE RELAY MODULE.

The reset restores the factory settings. Within the first 5 minutes from powering, simultaneously press the ▲ and ▼ buttons 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.
- The device must be completed with interchangeable buttons and installed in flush mounting boxes or surface mounting boxes with Linea, Eikon, Arkè and Plana mounting frames and cover plates.
- The electronic switch shall be protected by a directly associated fuse with a rated breaking capacity of 1500 A or circuit breaker with a rated current not exceeding 10 A.
- Installation must be carried out with the system switched off. Install the buttons onto the roller shutter control device before powering up the system.

CE

30804-20594 EN 06 2505

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www.vimar.com

LINEA	EIKON	ARKE'	IDEA	PLANA
30804	20594.0	19594.0-19594	16494	14594.0-14594

Connected roller shutter control device

CHARACTERISTICS.

- Rated supply voltage: 100-240 V~, 50/60 Hz.
- Dissipated power: 0.55 W
- RF transmission power: < 100 mW (20 dBm)
- Frequency range: 2400-2483.5 MHz
- Switching on zero crossing
- Terminals:
  - 2 terminals (L and N) for line and neutral
  - 1 terminal (P) for connection to the remote wired control (for instance art. 30008.x-20008-19008-16080-14008). The max distance between the IoT device and the push button is 50 m with a cable with a minimum cross-section of 1.5 mm².
  - 2 terminals (▲ and ▼) for the roller shutter output
- 2 front buttons that are used both to control the load and as configuration push buttons.
- RGB LED indicating the movement of the roller shutter (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)
- Thermal protection with flashing-lamp blow-out detector
- Protection degree: IP20
- Configuration from View Wireless App for Bluetooth technology system
- Controllable via View App (for Bluetooth technology)

OPERATION IN Bluetooth technology MODE.

The device operates by default in Bluetooth technology mode and this standard makes it possible to:

- recall a scenario using the traditional push button connected to the device;
- associate the radio control 03925 which can be configured to control the actuator on-board or to recall a scenario;
- control the QUID system devices.

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 Amazon 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: white for Linea, amber for Eikon, blue for Arké and green for Idea and Plana).
- LED brightness: off, low, medium, high for roller shutter in motion (default: high) and for roller shutter not in motion (default: off).
- Actuator: with or without slat (default: with slat).
- Roller shutter activation time (default: 180 s).
- Slat rotation time (default: 5 s).
- Favourite position saving (default: 50% roller shutter, 0% slats i.e. open).
- Scenario activation delay time (default: 0 s).
- Compatibility with QUID roller shutters (default: not active).

REGULATORY COMPLIANCE.

RED Directive. RoHS directive.
Standards EN IEC 60669-2-1, EN IEC 63000, 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 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.

Apple HomeKit is a trademark of apple Inc. App Store is a service mark of Apple Inc. To control this HomeKit-enabled accessory, iOS 9.0 or later is recommended. Controlling this HomeKit-enabled accessory automatically and away from home requires an apple TV with tvOS 10.0 or later or an iPad with iOS 10.0 or later or a HomePod/Siri set up as a home hub.
The Apple logo, iPhone, and iPad are trademarks of Apple Inc., registered in the U.S. and other countries and regions. App Store is a service mark of Apple Inc.
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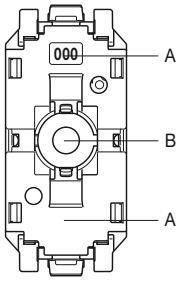
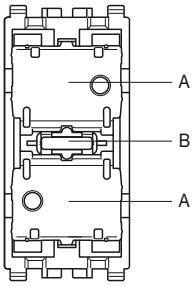
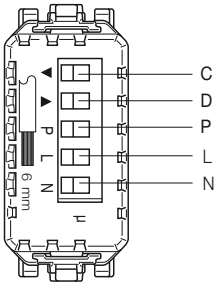
FRONT AND BACK VIEW

30804



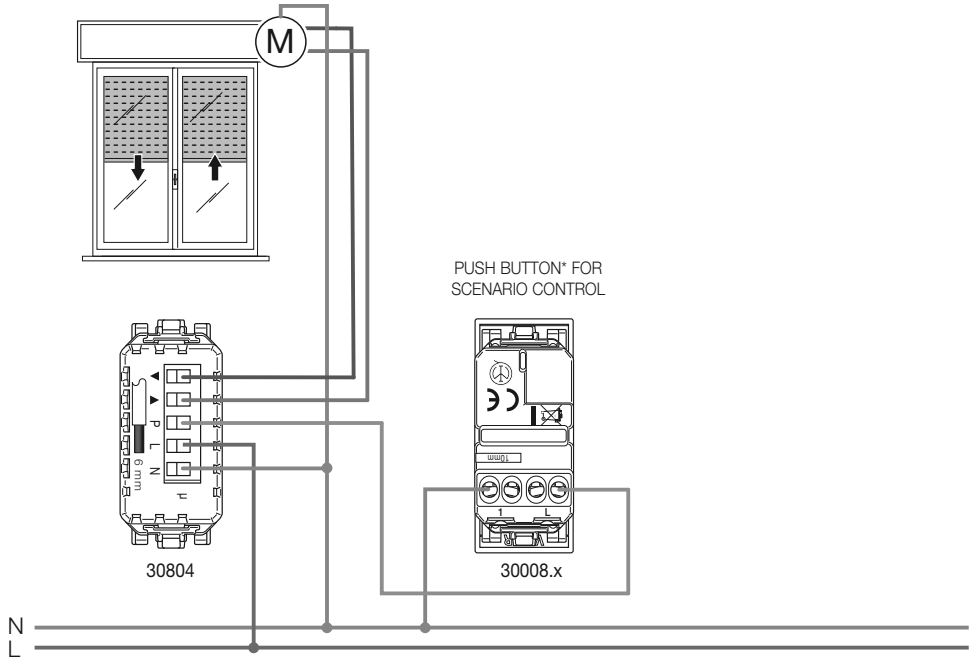
20594.0-19594.0-19594
16494-14594.0-14594





A: Button
B: LED
C: DOWN output
D: UP output
P: Input for wired push button for scenario recalling

CONNECTIONS



* Do not use the signalling unit 00931. The push button can only be used in the case of operation in Bluetooth technology.

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