

VIMAR-30813.x-LINEA-Smart-Switch-Instruction



# VIMAR 30813.x LINEA Smart Switch Instruction Instruction Manual

[Home](#) » [VIMAR](#) » VIMAR 30813.x LINEA Smart Switch Instruction Instruction Manual 

## Contents

- 1 VIMAR 30813.x LINEA Smart Switch Instruction
- 2 Product Information
- 3 CHARACTERISTICS
- 4 OPERATION
- 5 INSTALLATION RULES
- 6 REGULATORY COMPLIANCE
- 7 INSTALLATION
- 8 CONNECTION EXAMPLES
- 9 Documents / Resources
  - 9.1 References
- 10 Related Posts



## VIMAR 30813.x LINEA Smart Switch Instruction



## Product Information

### Specifications

- Model: LINEA 30813.x, EIKON 20467, PLANA 14467
- **Controllable Loads:**
  - Resistive Loads: 16 A
  - – 100 W at 240 V~ (20,000 cycles)
  - – 30 W at 100 V~ (20,000 cycles)
  - 0.5 A (20,000 cycles)
  - 4 A (20,000 cycles)

### Operation

In Bluetooth technology mode, the device must be configured using the View Wireless App.

### Configuration

To configure the device in Bluetooth technology mode, follow the steps below:

1. Download and install the View Wireless App on your smartphone or tablet.
2. Follow the detailed instructions provided in the View Wireless App manual for configuring the device.

### Device Reset

If you need to reset the device, follow these steps:

1. Remove and restore the power supply to the device. Press the configuration push button for 30 seconds until the LED flashes white.
2. Release the button and wait for the LED to turn off.

### Installation Rules

- Directive RED
- Directive RoHS
- **Standards:** EN IEC 60669-2-1, EN 301 489-3, EN 300 330, EN 301 489-17, EN 300 328, EN 62479, EN IEC 63000

### FAQ

- **Q: How do I know if my resistive load is compatible with the device?**
  - **A:** The device is designed to handle resistive loads of up to 16 A. Ensure that your load does not exceed this limit to prevent damage to the device.
- **Q: Can I control multiple devices with a single unit?**
  - **A:** The device is intended to control a single load within its specified capacity. For multiple devices,

consider using separate units for each load.

• **Q: What should I do if I encounter connectivity issues with the View Wireless App?**

- **A:** Check that your device's Bluetooth is enabled and in range. Restart both the device and the app, ensuring they are updated to the latest versions. If issues persist, contact customer support for further assistance.

**NFC/RFID smart card reader pocket for installation inside the room, IoT technology on Bluetooth® technology 5.0 standard for the creation of View Wireless mesh system, 1 relay output NO 16 A 100-240 V~ 50/60 Hz, 1 RGB LED visible in darkness with brightness control, 100-240 V~ 50/60 Hz power supply – 2 modules.**

The device should be installed in a location (for instance a hotel room, an office, etc.) and allows the activation of utilities only if the wireless smart card associated with it is read and recognized. Using a smartphone or a tablet, the pocket can be configured with Bluetooth technology via the View Wireless App and can be supervised remotely by installing the gateway 30807.x-20597- 19597-16497-14597. It is designed to communicate with the landing reader 30812.x-20462- 19462-14462 (where associated during configuration) to manage accesses to the same room and ensure greater safety via the “Crossover relay” option.

## **CHARACTERISTICS**


- Supply voltage: 100-240 V~, 50/60 Hz.
- Max. power absorption from the mains: 1.1 W
- White pocket lighting LED to be visible in darkness
- RFID technology @ 13.56 MHz, ISO14443A Mifare standard
- Frequency range: 13.553-13.567 MHz
- RF transmission power: < 60 dBμA/m

### **Terminals:**

- L and N for power supply.
- Relay output 16 A 240 V~ C-NO (NO SELV)
- IN input (for bipolar 1-way switch 20015.0-19015.0-14015.0 + XX026.DND+ 00936.250.X) for DND (Do Not Disturb) signaling to activate the front LED on landing reader 30812.x20462-19462-14462 in the case of “relay change-over”.
- 1 configuration push button
- **Operating temperature:** -10 °C – +45 °C (indoor use).
- **Protection degree:** IP20.
- Configuration via View Wireless App for Bluetooth technology system.
- **Frequency range:** 2400-2483.5 MHz
- **RF transmission power:** < 100mW (20dBm)

## **CONTROLLABLE LOADS**

Heating 16 (3,5) A (100.000 cycles)

- resistive loads : 16 A

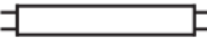
- cos  $\phi$  0.6 motors: 3.5 A

Incandescent lamps : 5 A (20,000 cycles);

LED lamps :

- 100 W at 240 V~ (20,000 cycles);

- 30 W at 100 V~ (20,000 cycles);

Fluorescent lamps : 0.5 A (20,000 cycles);

Electronic transformers : 4 A (20,000 cycles).

## OPERATION

The reader has two operating modes:

- Recognition of the smart card inserted in the pocket activates the internal relay. When the card is removed, the relay switches to OFF after an amount of time which can be set during configuration.
- If the pocket is associated with a landing reader and the “Crossover relay” option is active, when the card is inserted in the pocket, the reader relay stays ON, whereas when the card is removed, the relay switches OFF, and the amount of time can be set during the configuration.

In this case, the door opening will be affected by the pocket relay to ensure greater safety.

## CONFIGURATION

In Bluetooth technology mode, the device must be configured using the View Wireless App. For all the details please see the instruction manual for the View Wireless App.

## DEVICE RESET

Remove and restore the power supply to the device. Press the configuration push button for 30 s until the LED flashes white; release the button and wait for the LED to turn off.

## INSTALLATION RULES

- Installation and configuration 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 the C-NO terminals as there is no double insulation with on the L-N terminals.
- The device and the load controlled must be protected against overloads by installing a device, fuse or automatic 1-way switch, with a rated current not exceeding 16 A.
- Do not install two access control devices in the same mounting frame.

## IMPORTANT:

- **Linea series:** install on 2-module or 3-module mounting frames with a blank module beside it or 3-module

mounting frame with 2 half blank modules beside it.

- **Eikon, Arké, Plana series:** we recommend installation on 2-module or 2 central module mounting frames; in the event of larger modular designs, considering the overall dimensions of the device, install it solely with the side blank module.
- Wire the module before you attach it to the mounting frame.
- The length of the cable for connection with the inputs must be no more than 30 m.

## REGULATORY COMPLIANCE

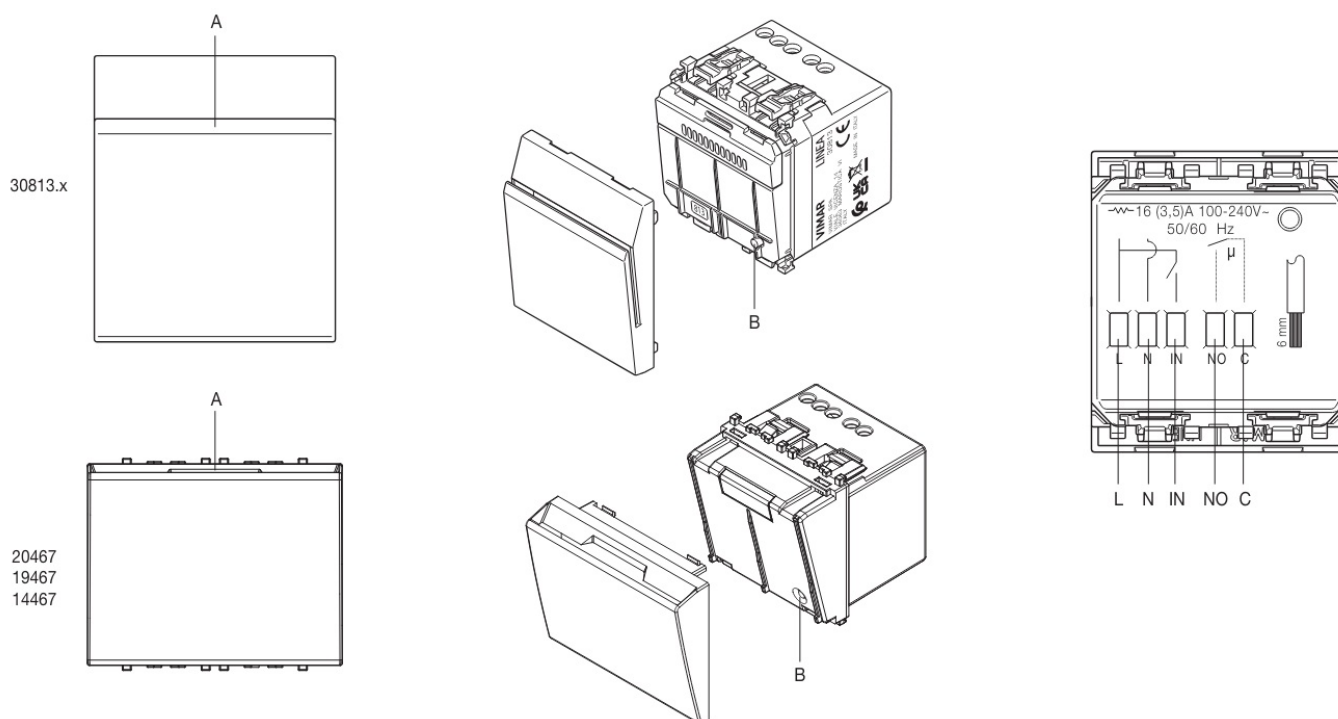
RED Directive. RoHS directive. EN IEC 60669-2-1, EN 301 489-3, EN 300 330, EN 301 489-17, EN 300 328, EN 62479, EN IEC 63000 standards.

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)

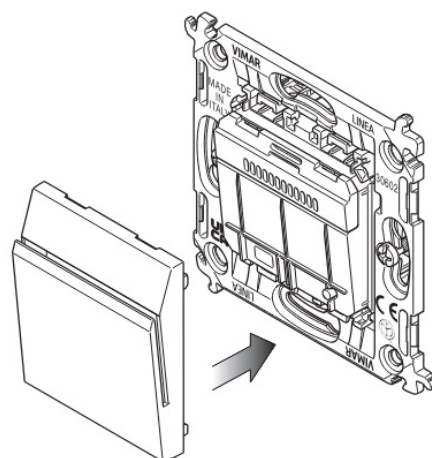
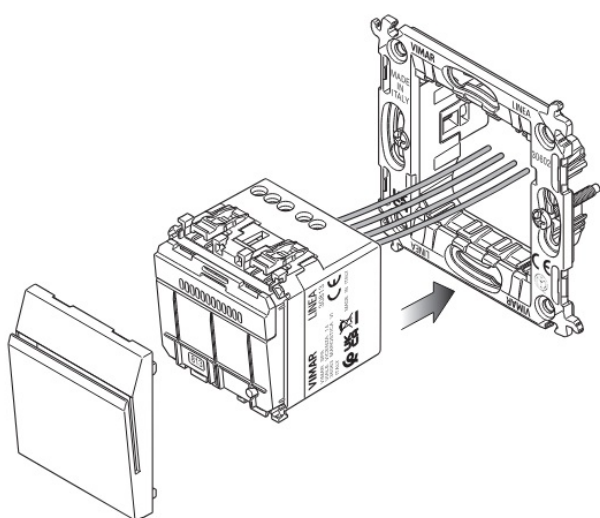
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

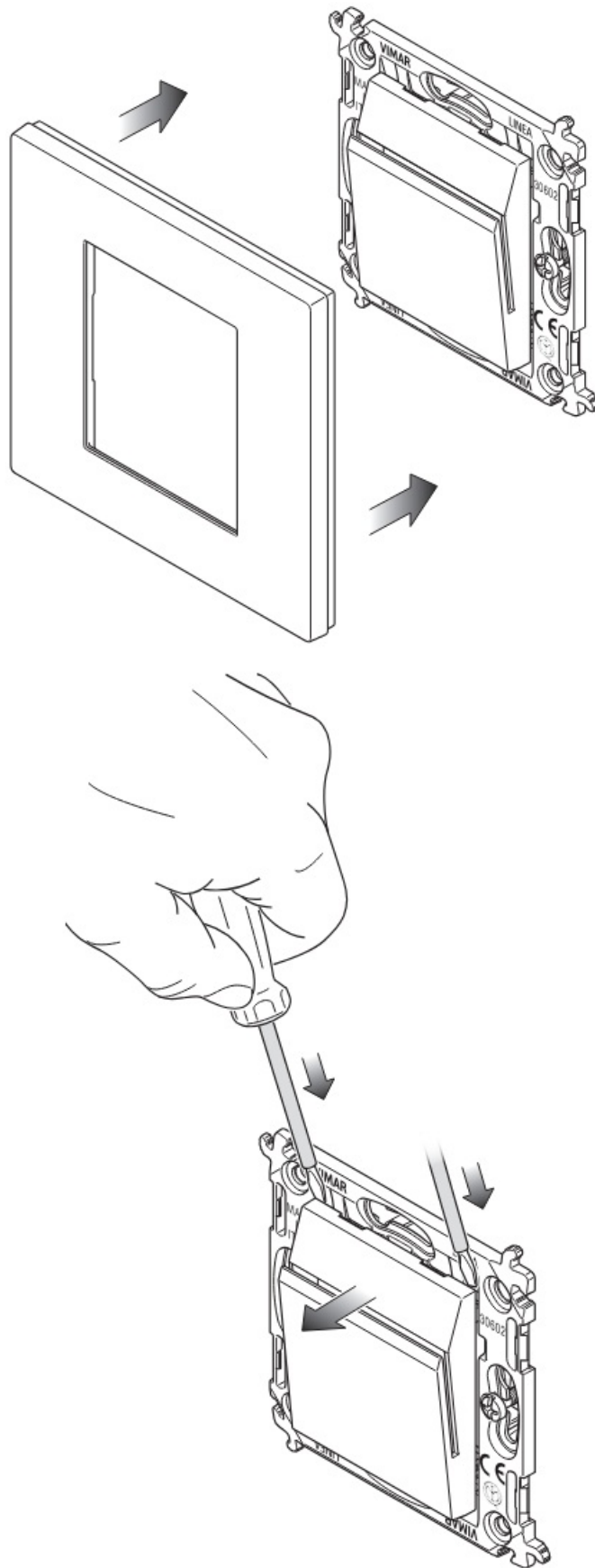
## FRONT VIEW AND CONNECTIONS



A	Illuminated pocket
B	Configuration button
L	Phase
N	Neutral
IN	DND input (for bipolar 1-way switch for signalling with indicator light)
NO	Relay output
C	

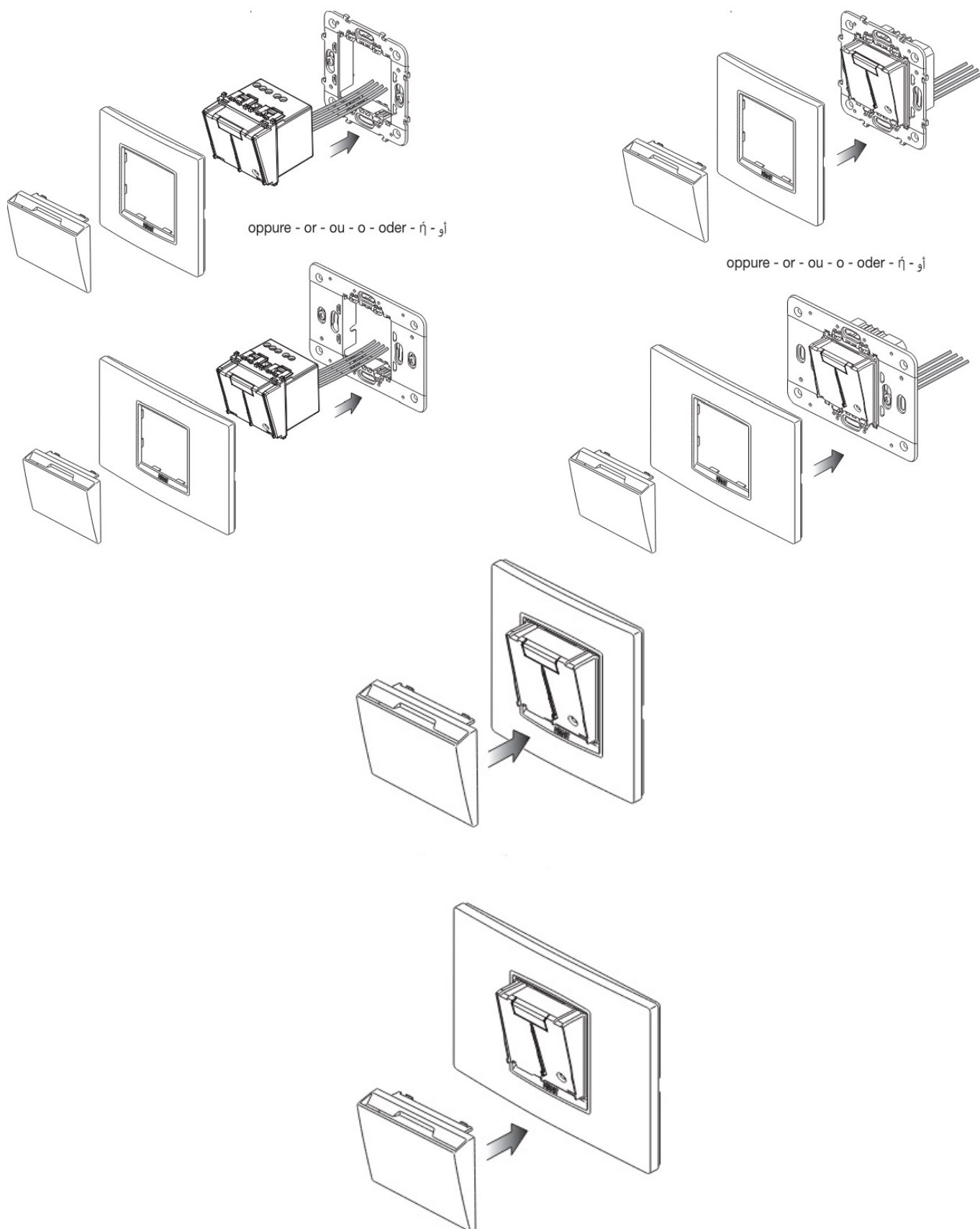
## INSTALLATION



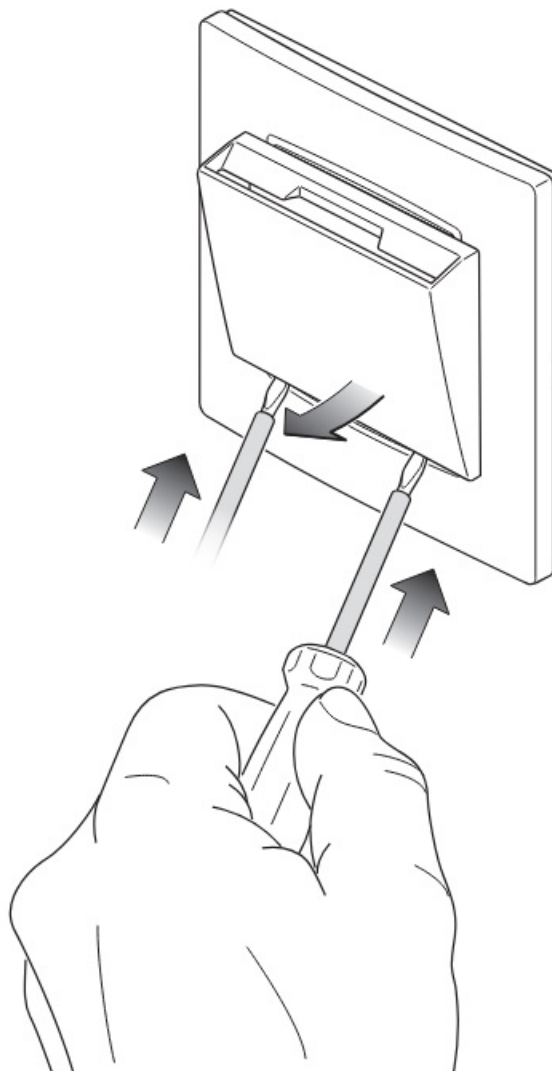


1. Hook the module (pre-wired) onto the mounting frame
2. Hook the cover onto the module
3. Hook the cover plate onto the mounting frame
4. To remove the cover from the module, use a screwdriver and lever it on the points indicated in the figure alongside.

## INSTALLATION

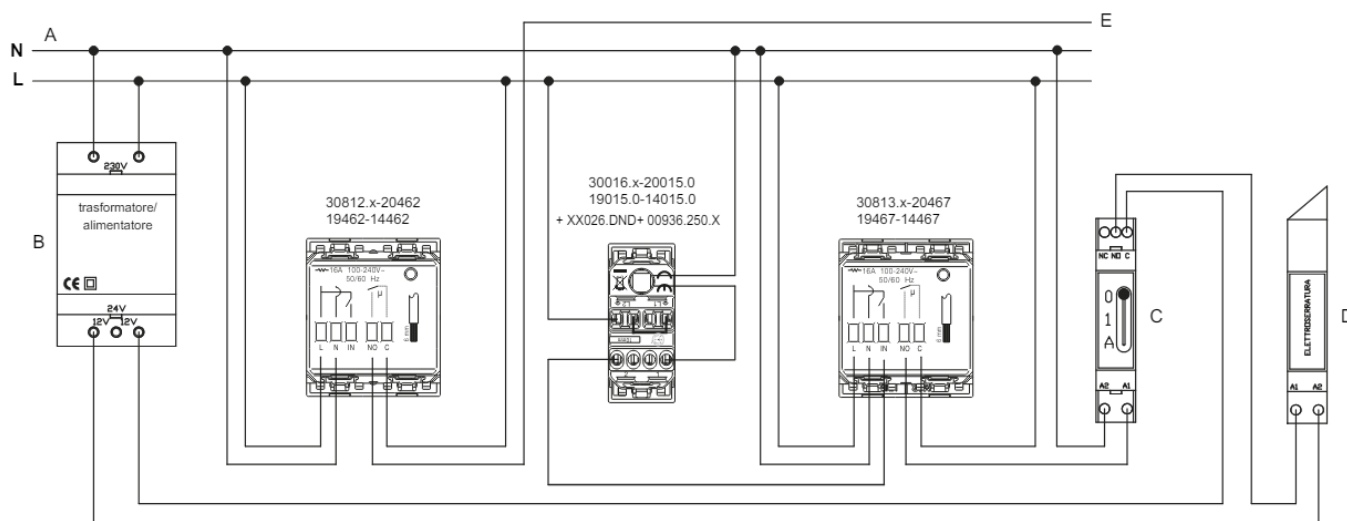






1. Hook the module (pre-wired) onto the mounting frame
2. Hook the cover plate onto the mounting frame
3. Hook the cover onto the module
4. To remove the cover from the module, use a screwdriver and lever it on the points indicated in the figure alongside.

## CONNECTION EXAMPLES



1. Connection in the presence of a reader, pocket (with relay change-over function), and internal room button for DND (with integrated signaling)

- **A:** From room RCBO
- **B:** Transformer/Power supply unit
- **C:** Supporting relay with separation in double insulation between contact and coil
- **D:** Electrical lock
- **E:** Room load line



■ 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

---

## Documents / Resources



[VIMAR 30813.x LINEA Smart Switch Instruction](#) [pdf] Instruction Manual  
30813.x LINEA Smart Switch Instruction, 30813.x, LINEA Smart Switch Instruction, Smart Switch Instruction, Switch Instruction, Instruction

## References

-  [Home automation, electrical equipment, smart home - Vimar energia positiva](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.