VIMAR LINEA 30567 Series Transponder Card Reader Instruction Manual

EIKON
20457
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Contents

LINEA 30567 Series Transponder Card Reader

Transponder card reader for installation outside rooms, KNX standard, 2 NO 4 A 24 V~ relay outputs, 2 inputs, power supply 12-24 V~ 50-60 Hz and 12-24 V d.c. (SELV) – 3 modules.
The device, with transponder cards, enables controlling entry to the rooms where it is installed externally. The transponder reader is provided with two relays to control the door lock, to control a courtesy light, or for other uses; the device is moreover provided with two inputs for connecting electrical equipment of the ON / OFF type (for example to control the switch for door opening and closing, a magnetic contact for signalling windows open or closed, ceiling pull alarm, etc.). On the front of the reader there are four LEDs each of which associated with an icon for signalling the following states:

- Access (entry allowed or entry denied);

- Guest status (room occupied or do not disturb);
- Call status (rescue request with bathroom ceiling pull-cord, room service call, etc.);
- Services status (make up room, etc.).

The transponder reader is able to dialogue with other KNX components via the specific interface.

CHARACTERISTICS.

- Supply voltage:
  – BUS: 29 V SELV
  – 12-24 V ~ 20% SELV
- Consumption:
  – on the bus: 10 mA
  – on the power supply (at 12-24 V ~): 130 mA max
- Terminals:
  – TP bus
  – power supply (12-24 V ~)
  – digital inputs for 2 NO or NC contacts (with no potential, SELV)
  – outputs for 2 NO relays (24 V~ SELV 4 A cos 1; 24 V~ SELV 2 A cos 0.6)
- Frequency range: 13,553-13,567 MHz
- RF transmission power: < 60 dBµA/m
- Operating temperature: -5 °C – +45 °C (inside)
- This device contains only SELV circuits that must be kept separate from circuits with dangerous voltage

OPERATION.

The configuration of the reader, physical address and parameters (NO or NC contact inputs, normal or timed relay outputs, etc.) is done with the ETS software.
If the transponder reader is loaded with an incorrect ETS application, both the red LED on the back of the device and the front LEDs 2, 3 and 4 will blink (“device type” error).
To restore the desired configuration, load the device with the correct ETS application.
The card is read by putting it in front of the reader that in sequence checks:

- **“system code”** (whether consistent);
- **“date”** field (if enabled, it checks whether the validity has expired);
- “**password**” (checks all the codes associated with it and enabled, such as guest code, service code, timeframes).

IMPORTANT: The transponder card readers should be fed separately from all other loads (electric locks, lamps, contactors, etc.) using a 16887 transformer dedicated to them whose outputs will be used only for these two devices.
Important: The length of the cable for connecting the inputs must not exceed 30 m.
NB: In the phase of installation provide for cable connection lengths that allow extracting the device from the flush mounting box so as to be able to access the configuration button.
For the 12-24 ~ V power supply use 12/24 ~ V d.c. power supplies or transformers with secondary winding having extra low voltage (SELV) for continuous service; do not use the voltage transformers for doorbells.

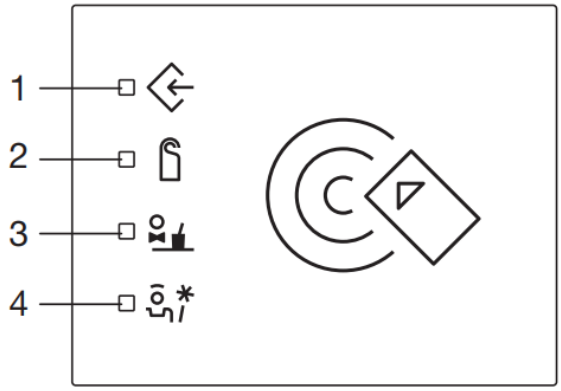
INSTALLATION RULES.

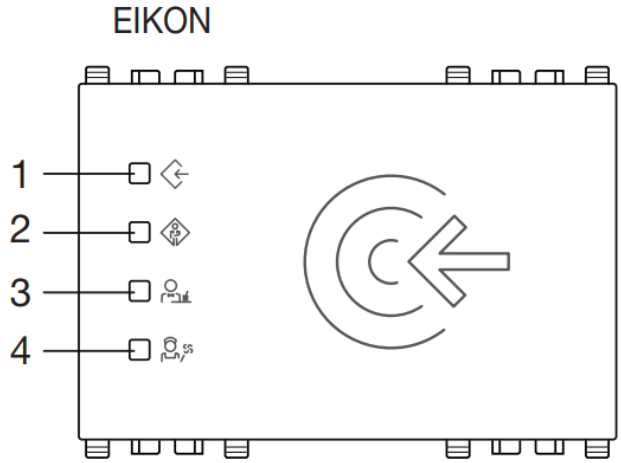
Installation should be carried out by qualified staff in compliance with the current regulations regarding the installation of electrical equipment in the country where the products are installed.
CAUTION: The tropicalised reader (.TR) complies with the same installation rules as the traditional reader (indoor use at -5 °C – + 45 °C). It is not suitable for outdoor installations where it is exposed to direct sunlight or rain, (even when combined with a watertight IP55 cover) and for installations exposed to humidity and salt fog, the use of the IP55 cover is nevertheless recommended.

CONFORMITY.

RED directive. RoHS directive.
Standards EN IEC 60669-2-1, EN IEC 63044, EN 50491, EN 300 330, EN 301 489-3, EN IEC 62479, EN IEC 63000.

FRONT VIEW.



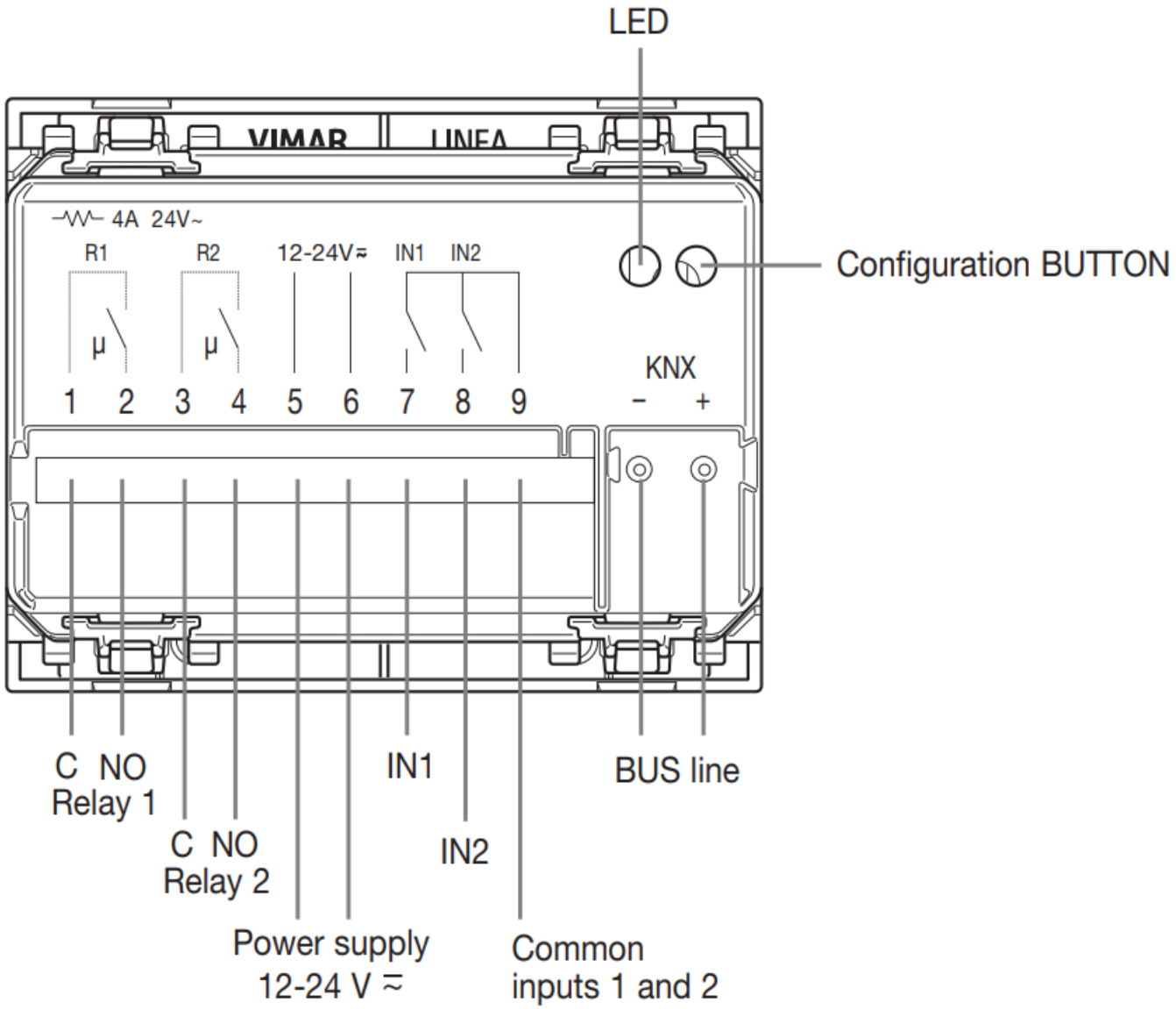


LED STATUS.

- 1:
  – steady green: signalling “Entry allowed” (the LED remains illuminated for approximately 3 s).
  – blinking green: signalling if the timeframe is not valid (the LED blinks for approximately 3 s).
  – steady red: signalling “Entry denied” (the LED remains illuminated for approximately 3 s).
  – blinking red: signalling if the expiry date is not valid.
  – steady amber: signalling if the system coding is not valid.
  – blinking amber: signalling if the day of the week is not valid.
  – blinking red/green: synchronize the device’s internal clock.
- 2:
  – red: signalling “Do Not Disturb”.
  – blinking red: signalling “Room occupied”.
- 3: amber – signalling “Room service call.”
- 4: green – signalling “Make up room.”

Note.
The meaning taken on by the LEDs depends on the subjects of communication (therefore the functions) that are configured in the reader with the ETS software. For all the applications in which the device is configured with different functions and LED indications to the standard ones, the customer can ask Vimar to customize the symbols on the front of the reader with a laser.

REAR VIEW.



- **Configuration BUTTON**: button for switching between normal mode or programming mode or detecting the physical address.
- **LED off:** “normal operation” indicator.
- **Red LED:** “addressing mode” indicator (the LED goes out automatically after programming the physical address).

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 at the following Internet address: **www.vimar.com**.
REACH (EU) Regulation no. 1907/2006 – Art.33. The product may contain traces of lead.

WEEE – Information for users

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 2 , 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.

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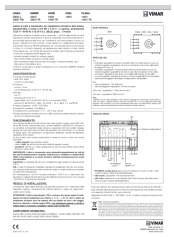
Documents / Resources

	VIMAR LINEA 30567 Series Transponder Card Reader [pdf] Instruction Manual 19457.TR.M, 30567.x, 30567.TRx, 20457, 20457.TR, 19457, 19457.TR, LINEA 30567 Series Transponder Card Reader, LINEA 30567 Series, Transponder Card Reader, Card Reader, Reader