

Linea 5000 - Additional RFID Smart access module

345520

Description

RFID/bluetooth smart access module for door lock opening in 2-wire systems where there is at least one Linea 5000 display module (345000), using the RFID (MIFARE Classic 1K) badge or using the Home + Security App via bluetooth. The smart access module is fitted with relay contacts (C – NO – NC) and clamps (CP – P1) for the connection of a local door release pushbutton and can be programmed using the Home + Project app. It has a programming reset pushbutton, LEDs for the visual notification of the access status and night backlighting. The device, to be completed with an appropriate finishing frame, can be installed in 1-module flush-mounted box 350010 or in wall mounted box 345311 or 345312.

Related items

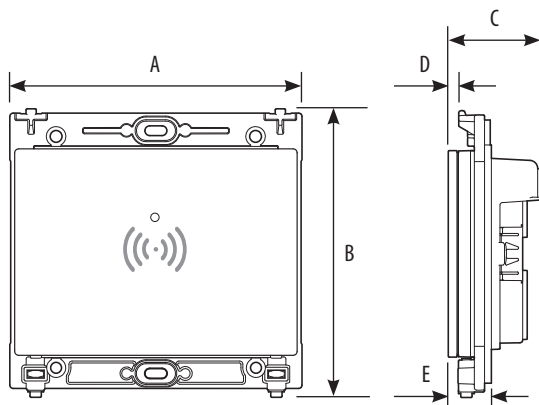
- 345201 Linea 5000 - Cover plate accessory module aluminium
- 345202 Linea 5000 - Cover plate accessory module nickel
- 345203 Linea 5000 - Cover plate accessory module gold
- 345204 Linea 5000 - Cover plate accessory module titanium
- 345205 Linea 5000 - Cover plate accessory module steel

Technical data

- Power supply from Bus: 18 - 27 Vdc
- Stand by absorption: 3 mA
- Max. operating absorption: 100 mA
- Operating temperature: (- 25) – (+ 70) °C
- RFID: MIFARE Classic 1K badges reader Frequency 13.56 MHz;
MIFARE Classic 1K badges reader transmission power < 42 dBuA/m @ 10 m
- Bluetooth: Frequency range: 2402 - 2480 MHz
Power level < 10 dBm
- Local relay contact output: 100VA, max 24Vac/dc

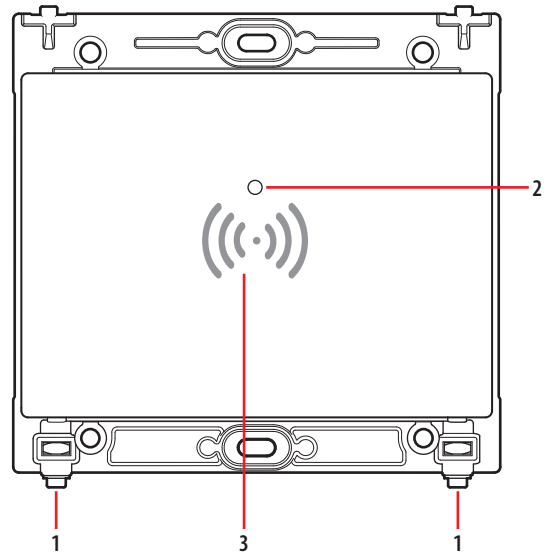
Warning: in case of a power failure, the device does not work and cannot be reached, any collection of personal data is interrupted.

Dimensional data

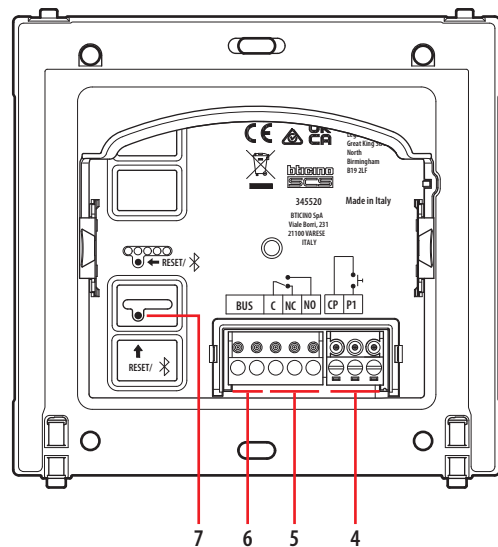


A	B	C	D	E
129 mm	127 mm	41 mm	4.5 mm	16 mm

Front view



Rear view



Legend

1. Locking screws for finishing frame
 2. Opening confirmation LED with badge (Green OK; Red KO)
 3. RFID badge reader (MIFARE Classic 1K).
 4. Clamp for door lock pushbutton
 5. Clamp for local relay contacts (C/NC/NO)
 6. BUS clamp
 7. Special functions pushbutton
 - Reset to the factory settings: keep pressed for 10" until the red LED starts flashing
 - Bluetooth first activation: press briefly, the LED flashes green then it goes off
- Note:** After completing the first configuration with Home+Project, the Bluetooth will remain on

Configuration

For device configuration and installation and for any other information, refer to the Apps or documentation that can be downloaded from the on-line catalogue of the device.

Download App



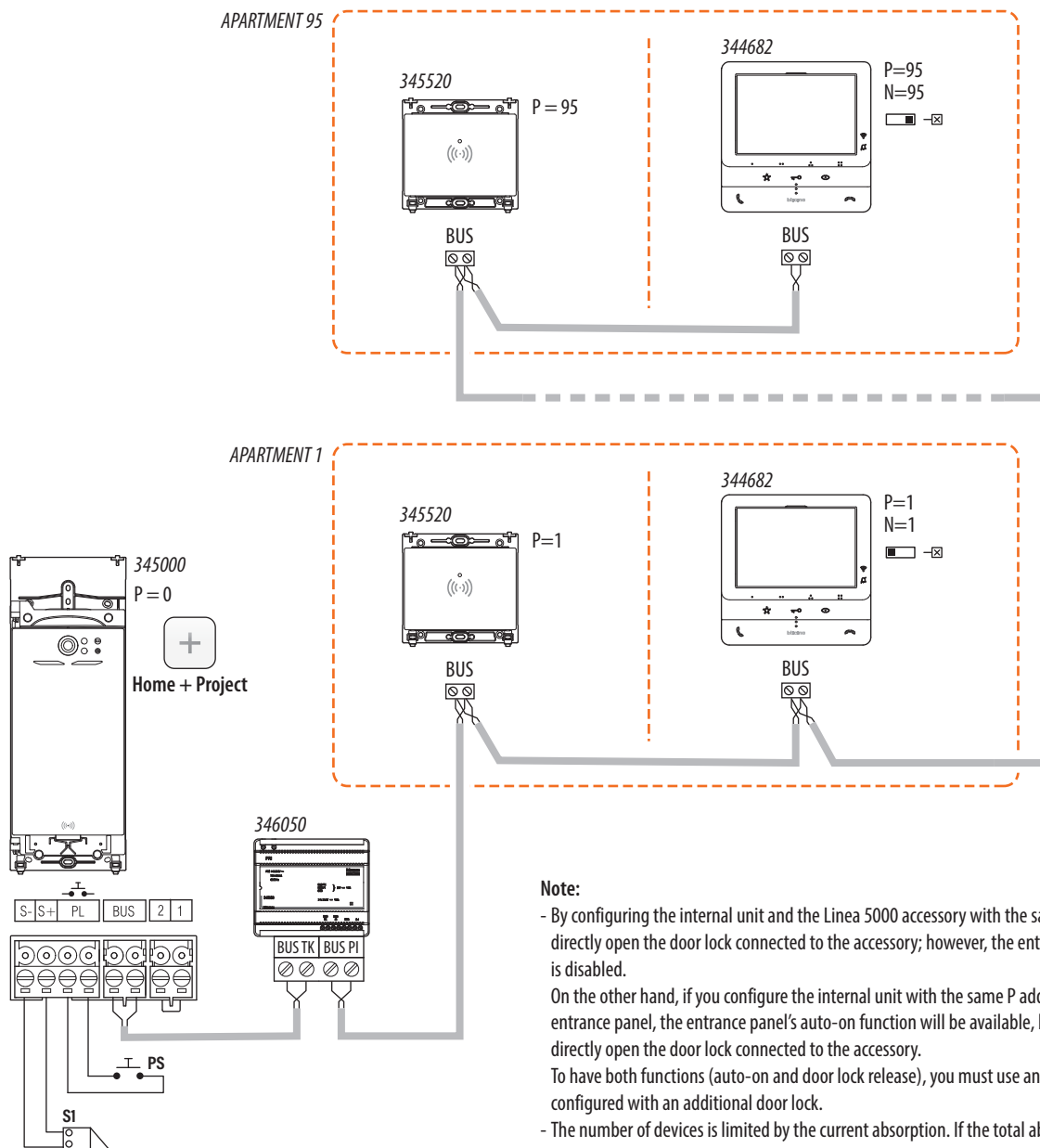
Home + Security Home + Project

The apps can be downloaded from their respective stores.

It is recommended to update the smartphone or tablet operating systems to the latest available version.

Wiring diagrams

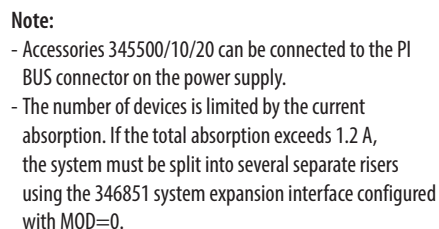
DIAGRAM 1 – EXAMPLE OF RESIDENTIAL SYSTEM FOR UP TO 95 APARTMENTS, WITH 1 ACCESSORY AND 1 INTERNAL UNIT FOR EACH APARTMENT



Note:

- By configuring the internal unit and the Linea 5000 accessory with the same P address, you can directly open the door lock connected to the accessory; however, the entrance panel's auto-on function is disabled.
- On the other hand, if you configure the internal unit with the same P address as the Linea 5000 entrance panel, the entrance panel's auto-on function will be available, but it will not be possible to directly open the door lock connected to the accessory.
- To have both functions (auto-on and door lock release), you must use an advanced internal unit configured with an additional door lock.
- The number of devices is limited by the current absorption. If the total absorption exceeds 1.2 A, the system must be split into several separate risers using the 346851 system expansion interface configured with MOD=0.
- Connect the last internal unit after the last accessory.
- The last internal unit must have an active line termination.

DIAGRAM 2 – EXAMPLE OF RESIDENTIAL SYSTEM FOR UP TO 95 APARTMENTS, WITH 1 ACCESSORY PER APARTMENT (WITHOUT INTERNAL UNIT)



APARTMENT 95



- By configuring the internal unit and the Linea 5000 accessory with the same P address, you can directly open the door lock connected to the accessory; however, the Linea 5000 entrance panel's auto-on function is disabled, while auto-on of the apartment's own entrance panel is enabled.
- All accessories and Linea 5000 must be installed outside the apartment interfaces.
- The number of devices is limited by the current absorption. If the total absorption exceeds 1.2 A, the system must be split into several separate risers using the 346851 system expansion Interface configured with MOD=0.
- The last 346850 apartment interface must have an active line termination.

DIAGRAM 4 - EXAMPLE OF RESIDENTIAL SYSTEM WITH RISER INTERFACES, ACCESSORIES AND INTERNAL UNITS

