JA-123E BUS outdoor access module with RFID and keypad

*The outdoor access module is a component of the **JABLOTRON 100** system. The RFID card reader and keypad can be used for the activation of a PG output by which you can control access to an area by, for example, an electric lock or a security system. The module has a reading part, control segment and optical system for status indication. The device should be installed by a trained technician with a valid certificate issued by an authorised distributor.*

Installation

1. Release the screw which holds the plastic cover (6).
2. Install the plastic base onto the prepared place where the tamper spring can be properly switched (5).
3. Push the cable of the module through the plastic base.
4. Connect the bus cable to the bus terminals via a JA-110Z-A(B,C) terminal module and a JA-190PL installation box.

When connecting the module to the bus, always switch the power off.

5. Proceed with enrollment according to the control panel installation manual. Basic procedure:
   a. When the device is switched on, the yellow LED (3) starts flashing repeatedly to indicate that the access module has not been enrolled into the system.
   b. Go to the **F-Link** software, select the required position in the ***Devices*** window and launch the enrollment mode by clicking on the *Enroll* button.
   c. Press the tamper contact (5) on the back side of the module – the keypad is thus enrolled and the yellow LED indicator goes off.
6. Close the cover of the module using the screw (6).

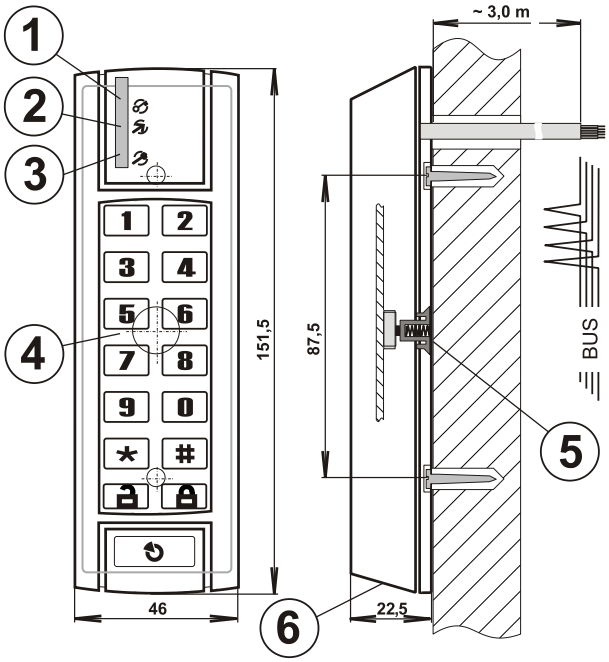

Fig.: 1 – red LED indicates an armed (set) section, 2 – green LED indicates a disarmed (unset) section, 3 – yellow LED indicates fault/service mode, 4 – keypad and reading area, 5 – tamper contact; 6 – screw for holding the plastic cover

Setting the properties

Go to the ***Devices*** window in the F-Link software. When you are at the module (keypad) position, use the ***Internal settings*** option.

Segment function and authorisation: The keypad has one control segment. Keys of the segment are marked by lock symbols. The segment functions and selectable parameters of the segment are described in the control panel manual (control panel / system configuration).

Alarm beep signalling*:* Signalling an alarm from the section to which the JA-123E has been assigned.

Entrance beep signalling*:* Audible signalling of the entrance delay time of the section to which the JA-123E has been assigned. The option is available if only the authorisation action is checked in F-Link.

Exit beep signalling*:* Audible signalling of the exit delay time of the section to which the JA-123E has been assigned.

Section status beeps have been changed*:* 1 x beep = system armed (set), 2 x beeps = system disarmed (unset), 3 x beeps = alarm memory.

Authorisation action*:* If the section to which the access module has been assigned is set, authorisation by reading an RFID card or entering a valid code triggers the entrance delay time and activates the PGxx checked by the **PG control** option in F-Link.

PG control*:* Choose which PG will be controlled by authorisation only. The chosen PGs need to have their reactions set to Pulse or Change (see PG output settings). On one JA-123E access module it is possible to control several PGs at the same time by authorisation. Each PG output is only able to be controlled by 2 access modules (RFID readers/keypads), (settings are linked to PG outputs/activation/activation of PG output by authorisation on a keypad).

Module optical indication:

Indicates the status of the section to which the JA-123E has been assigned. The red LED indicates an armed (set) section, the green LED indicates a disarmed (unset) section.

Indication disabled: Optical indication is completely disabled.

Indication goes off: Optical indication shows the system status for 180 sec then it goes off. The system status is shown by RFID reader activation or a change in system status.

Permanent indication: The system status is indicated permanently.

Keypad button light intensity: *backlight settings via F-Link software*

Technical specifications

Power	from control panel digital bus (9…15 V)
Current consumption in standby mode	15 mA
Current consumption for cable selection	15 mA
Cover EN 60529	IP65
Mechanical strength EN 50102	IK08
RFID frequency	125 kHz
RFID cards	Jablotron 100 or EM Unique 125kHz
Dimensions	46 x 151.5 x 22.5 mm
Connection cable length	3.0m
Operating temperature range	-25 to +60 °C
Operational environment	EN 50131-1 IV. Outdoor general
Classification	Grade 2
according to	EN 50131-1, EN 50131-3,
Also complies with	ETSI EN 300330, EN 50130-4 EN 55022, EN 60950-1

JABLOTRON ALARMS a.s. hereby declares that the JA-123E is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. The original of the conformity assessment can be found at www.jablotron.com – Technical Support section

Note: Although this product does not contain any harmful materials we suggest you return the product to the dealer or directly to the producer after use. For more detailed information visit www.jablotron.com