The JA-112J Bus panic / ON / OFF wall button

*The JA-112J bus panic/on/off wall button serves for panic alarm triggering or for PG output control. The product is a component of the **JABLOTRON** system. The button also has 2 control buttons and an indication LED. The product should be installed by a trained technician with a valid certificate issued by an authorised distributor.*

This product is compatible with JA-100K, JA-101K, JA-103K, JA-106K, JA-107K control panels.

Installation

If this product is used as a panic button, then it has to be mounted with a plastic base and an enabled base tamper contact.

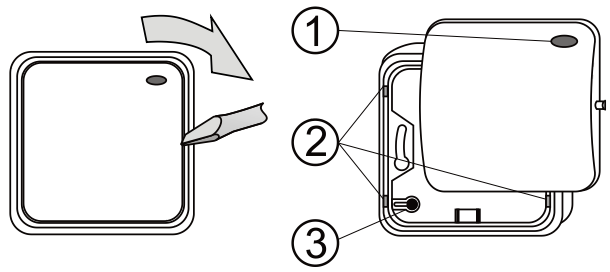


*Figure: **1** – LED indicator visor, **2** – base plastic tabs, **3** – permanent magnet*

1. Open the movable cover (by a screwdriver from the side, see figure 1).
2. Release the bottom plastic base by pressing the 4 tabs in the corners (2).
3. Pull the digital bus cable through the plastic base and attach the box to a suitable place using screws.
4. Assemble the PCB part into its plastic frame. If the plastic base is used, then it is necessary to move the permanent magnet (3) of the tamper contact from the plastic frame which holds the PCB to the receptical on the plastic base.
5. Connect the bus cable to the bus terminals (7).

When connecting the button to the system bus, always switch the power off.

6. Close the button by the movable cover.
   Proceed according to the control panel installation manual. Basic procedure:
   a. When the button is switched on, the yellow LED (5) flashes and indicates that the button 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 enrolment mode by clicking on the *Enrol* option.
   c. Press any button (A or B) – the button is thus enrolled and the yellow LED goes off.
7. Set up the function of the button by F-link software.

Notes:

- Enrolling the button to the system is possible by entering the production code (8) via F-link software. The production code (e.g.1400-00-0000-0001) is on the sticker on the button's printed circuit board under the EAN code,
- or by the Add new bus devices button.
- When the panic button is mounted outside the protected area it's strictly required to put the JA-110T isolator onto this bus line to asure the proper security level.

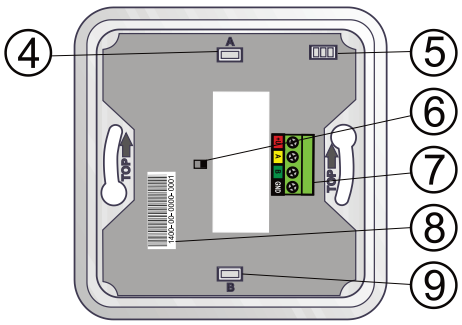


*Figure 2: **4** – A button, **5** – LED indicator, **6** – tamper contact, **7** – bus terminals, **8** – production code, **9** – B button*

Setting the button properties

Go to the Devices window in the ***F-link*** software. On the line where the button is click on ***Internal settings*** option to open a dialogue window where you can set:

***LED activity indication**:* This parameter allows LED indication when the button is pressed. For instance, when a panic alarm is triggered, then the button blinks red. In this activation function, pressing the button makes the LED flash for a preset time. PG control is also signalled by the LED, PG ON = red, PG OFF = green.

***Activation delay (s)**:* There is the possibility to activate one of the selected reactions (panic, fire, ...) with a delay in the interval 0 – 99 s, set this time in Internal settings.

Note: If the button is pressed again during the delay, then activation is cancelled.

Lower tamper contact disabled**:* If ***needed the lower tamper contact can be disabled. When the button is used as a panic button then the lower tamper has to be enabled.

PG controls determines the ***method*** of PG control:

- ***PG ON/ PG OFF**:* By pressing button A the PG output is turned on and by pressing button B the PG output is turned off.
- ***PG ON**:* By pressing the A or B button the PG output is only turned on.
- ***PG OFF**:* By pressing the A or B button the PG output is only turned off.

Technical specifications

Power	*from the control panel digital bus 12 V (9-15V)*
Quiescent current consumption	*5 mA*
Maximum current consumption	*20 mA*
Dimensions	*80 x 80 x 29 mm*
Weight	*60 g*
Environment	*Indoor general*
Operation temperature range	*-10 °C to + 40 °C*
Average operating humidity	*75 % RH, non condensation*
Also complies with	*EN 50130-4, EN 55032, EN IEC 63000,*
Recommended screw	*2x ø 3.5 x 40 mm (countersunk head)*

JABLOTRON a.s. hereby declares that the JA-112J is in a compliance with the relevant Union harmonisation legislation: Directives No: 2014/30/EU, 2011/65/EU. The original of the conformity assessment can be found at www.jablotron.com - Section Downloads.

Note: Disposing of this product correctly will help save valuable resources and prevent any potential negative effects on human health and the environment, which could otherwise arise from inappropriate waste handling. Please return the product to the dealer or contact your local authority for further details of your nearest designated collection point.

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