

JA-122E-NFC

Bus outdoor RFID reader 13.56 MHz

Type: 1READER2304LU

switch to the manual for the JABLOTRON 100+ system

The product is a component of the **JABLOTRON** system. The reader is designed to scan contactless authorisation elements and it may be used for the activation of a PG output. The reader has a reading part and optical status indication. The device should be installed by a trained technician with a valid certificate issued by an authorised distributor. This product is compatible with JA-103Kx and JA-107Kx.

Installation



Always connect the bus when the system is completely powered off.

1. Unscrew the plastic locking screw (6) and open the keypad cover.
2. Attach the rear plastic of the product to the selected location on the wall so that the spring of the tamper switch (5) can be sufficiently compressed when the installation is complete.
3. Pull the reader cable through the hole in the rear plastic.
4. Plug the bus cable into the terminal block according to the colours and markings – red terminal +U, yellow A, green B, black GND. For connection outside the guarded area, we recommend using the JA-110T isolator module.
5. Close the product cover and secure it with the locking screw (6).

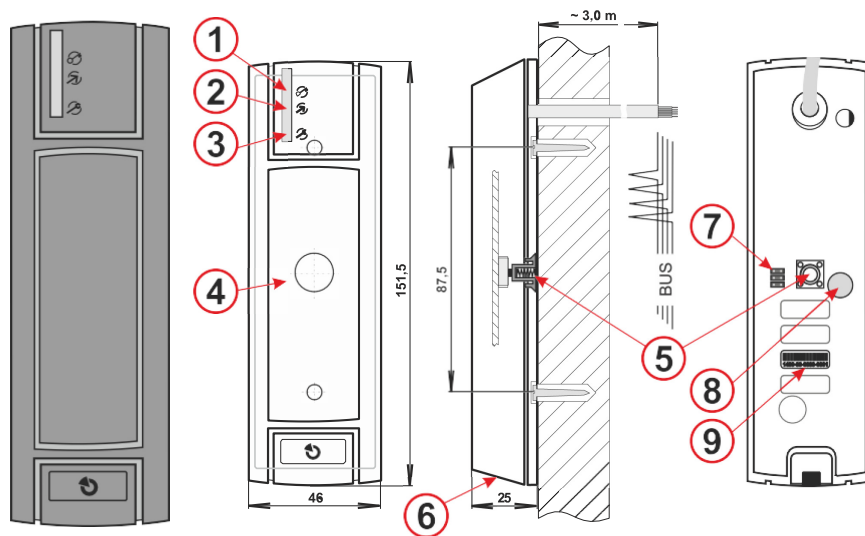


Fig. 1: Description of the external and internal parts of the product


1 – Red LED – indicates armed status; **2** – Green LED – indicates disarmed status; **3** – Yellow LED – indicates fault/service; **4** – reading surface;
5 – tamper switch/tamper; **6** – locking screw **7** – programmable pins **8** – piezo **9** – serial number

Notice: Programmable pins (7) are for production purposes only.

Assignment to the system and settings

According to the type of control panel use recommended software or application – see control panel manual.

Technical specifications

Power supply	from the control panel bus, 12 V DC (8–15 V)
Rated current	12 mA
Maximum current	60 mA
Type of control device	A
Operating RFID frequency	13.56 MHz
Max. mag. RFID field strength	10.37 dBμA/m (3 m)
Compatible RFID cards	NFC, Mifare® Classic, Mifare® DESFire® 4, 7 Byte UID
Dimensions	46 x 152 x 25 mm
Weight	193 g
Connection cable length	3.0 m
Operating temperature range	-25 °C to +60 °C
Average operating humidity	75% RH, non-condensation
Environment according to 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-55032, EN IEC 62368-1, EN IEC 63000
Doporučený vrt	3 x  ø 3.5 x 40 mm (half-round head)

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JABLOTRON a.s. declares that the product 1READER2304LU is designed and manufactured in compliance with the harmonisation legislation of the European Union: directives No.: 2014/53/EU, 2014/35/EU, 2014/30/EU, 2011/65/EU, when used as intended. The original Declaration of Conformity is available at www.jablotron.com in the section Downloads.



Note: Although the product does not contain any harmful materials, do not dispose of it in the garbage but take it to an e-waste collection point. For more information, see www.jablotron.com in the Downloads section.





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