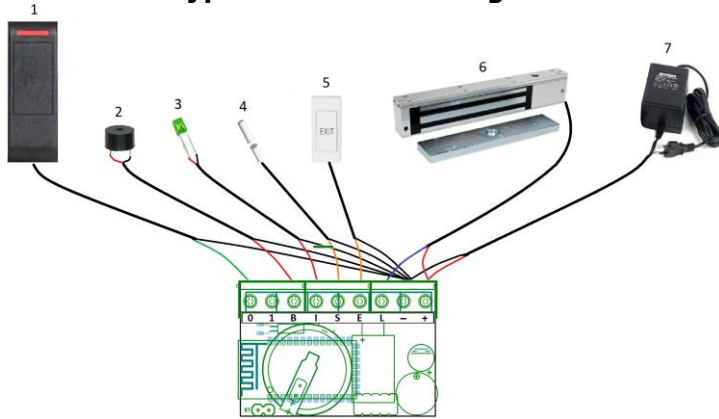


Controller IGC A/B

IGC A/B is an autonomous controller for access control systems. A significant advantage is its flexible configuration using a smartphone. Using the app, you can add and edit users, search by name or identifier, export and transfer to other controllers, view history, filter and export events, update firmware to gain additional functionality that can be customized to meet customer needs. The controller supports "Entry/Exit mode" (readers can be installed on both entry and exit points), analyzes door opening sensors, and has protection against electromagnetic lock interference. IGC A/B controller is commonly used for modernizing and expanding intercom systems in residential complexes, organizing access control in office or warehouse spaces, and elevators.

A similar controller, IGC S, features voice notifications.

Typical Connection Diagram



1 – Reader; 2 – Buzzer; 3 – LED; 4 – Door opening sensor; 5 – "Exit" button; 6 – Electromagnetic or electro-mechanical lock; 7 – Power supply;

Markings:

- + - Power +12V DC
- - Power GND
- L - "Lock" – for connecting an electric lock
- E - "Exit" - for connecting the "Exit" button
- S - "Sensor" - for connecting the door sensor
- I - "Indication" – controls the LED
- B - "Buzzer" – controls the buzzer
- 1 - "D1" Wiegand or Dallas TM reader on output
- 0 - "D0" Wiegand or Dallas TM reader on input

Caution! Do not perform installation with the provided power.

Set jumper X1 for clock power supply.

Technical Specifications:

- Smartphone configuration: Yes
- Number of users: 5120
- Event history: 2300 events
- Identifier size: 4 bytes
- User name: 11 characters
- Real-time clock: Yes
- Communication interface: Wiegand 26/32/37/40/42, Dallas TM (iButton), BLE, RS-485 (using the module)
- Entry/Exit mode: Yes, when connecting 2 readers via Dallas TM (iButton) interface
- Anti-passback mode: Supported
- User types: Regular, administrator, with warning, blocked
- Type of executive device: Electromechanical/electromagnetic lock
- Protection against electromagnetic lock interference: Yes
- Automatic identifier collection mode: Yes
- Switching current: 5A
- Supply voltage: 9-18V DC
- Consumption current: 22 mA
- Operating temperature: -30°C to +50°C
- Dimensions (mm): 45 x 34 x 14
- Weight: 120 g
- Device case: Without case