

CDN-I/O Input-output module to control external devices, e.g. second gateway or other home automation

The module allows you to connect additional devices to the panel and control them. It allows, among others, to connect a garage door, barrier, lighting, roller shutters or other automation. It extends the functionality of the panel by two NO inputs to connect an external buttons and two NO/NC relay outputs to control any devices. Each input and output can be independently programmed: type of function, relay activation time. In selected models of devices it is possible to mount directly in a frame or box. Compatible with digital group control panels: CDN, Inspiro and Familio P/PV.

Index	CDN-I/O
Description	Input-output module to control home automation and external controls
Dimensions (mm)	70,5x71x19,5
Material	Housing made of ABS
Max. number of subscribers	255
Mounting	Surface-mounted or mounted in holes of selected frames and boxes of CDN and INSPIRO series.
Stand-by power consumption	~0,14W
Power supply	From the panel 15VDC / 80 mA
Outputs	ARK screw connectors: - 2 x NO/NC: OUTPUT1/OUTPUT2 - relay, max. 2A,30VDC - 1 x EXTMOD connector (panel connection)
Inputs	ARK screw connectors: - 2 x NO normally open-end: "IN1/IN2" - NO button connection - activated after a contact with the system GND.
Attributes	Control of external devices, e.g. second gate, barrier, lighting, roller blinds or other home automation - two independent outputs and two independent inputs Each input and output can be independently programmed: - type of function - output response time Input functions: - direct activation of the electric door strike (connected to the panel) - calling the selected apartment Output functions: - output switching on after input contacts (IN) are shorted to GND - switching on the output simultaneously with activation of the electric door strike (connected to the panel) - switching on the output after pressing F2 in the receiver or after entering a four-digit code of the apartment preceded by double pressing the "key" button or after applying a proximity fob preceded by pressing the "key" button - switching on the output without answering the call - switching on the output after pressing any key on the panel or selected

additional module

- switching on the output when opening dependent on the additional range "FROM-TO" (possibility of controlling two electric door strikes); case when one panel must control two pairs of doors.

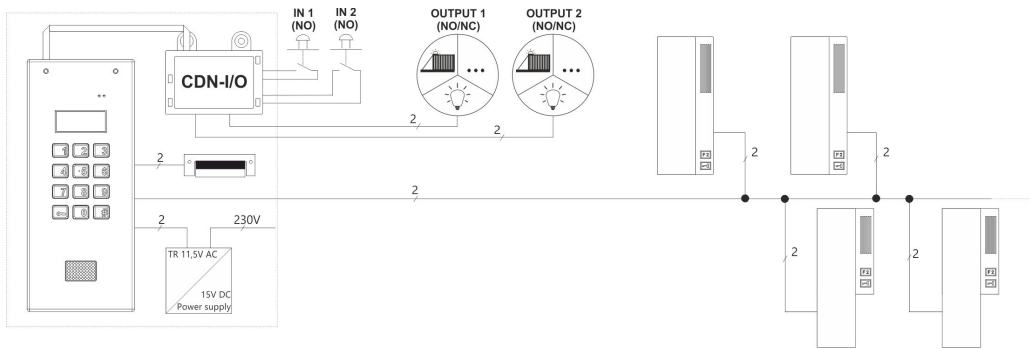
All module parameters are set in the panel to which the module is connected (the module itself does not store settings)

Operating temperature of the device: -20 to +50°C

Example application:

- enables control of the entrance gate, barrier, lighting, roller blinds
- allows the light to be switched on after pressing any button on the panel keypad (or automatically when opening the door)

Schema



Dimensions

