EL100

Electric Lock Interface

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CE

ENGLISH

Instructions translated from Italian

Warning

- The installation, test and commissioning of gate automations must be performed by qualified and experienced personnel who must establish which tests to conduct based on the risks involved, and verify the compliance with the applicable regulations, legislation and standards.
- Nice disclaims liability for any damage resulting from uses of the product other than those described in this manual.
- The packing materials must be disposed of in compliance with local regulations.
- EL100 interface must never be immersed in water or other liquids. In the event that liquid substances have penetrated inside the device, immediately disconnect the power supply and contact the Nice customer service department; the use of EL100 in these conditions can be dangerous.
- Keep EL100 interface away from heat sources and open flames; these could damage the components and cause malfunctions, fire or dangerous situations.

Product description and applications

Electronic locks fitted on swing gate automatisms can be activated by means of the EL100 device from the Nice Home range.

- A The EL100 device is only compatible with:
- Initial release type electronic locks (single command impulse at the beginning of the opening manoeuvre), with a maximum power supply of $12 V \sim 15 VA$ Nice Home control units compatibili come riportato nel rispettivo manuale di istruzione.

Installation

All installation operations are performed with the system disconnected from the power supply; disconnect the buffer battery if present.

- **01.**Because the EL100 device is not protected against the rain or the infiltration of other liquids, it must be fitted inside the control unit box or in a protected location.
- **02.** Following the manufacturers instructions, install the electronic lock on the leaf that is operated by motor No. 2.
- **03.** Following the indications in **table 1**, connect the EL100 interface as shown in **fig. 1**. The polarity does not need to be respected when making the connections.

TABLE 1		
Connection	Cable type	Maximum length allowed
Control unit	2x1 mm ² Cable	1 m
Flash	2x0,5 mm ² Cable	20 m
EL100	2x1 mm ² Cable	20 m
	ables used must be	

for indoor applications, while H07RN-F is suitable for outdoor applications.

- 04. Replace fuse [A] (2A type F) (fig. 2) in the control unit with the one supplied with the EL100 interface (3.15A type F).
- **05.** Stick the "3.15A type F" label, which is supplied with the EL100 interface, on top of the Fuse 2A F label of the control unit.

Recognition

After the EL100 device has been installed it must be recognised by the control unit; the operation takes place by performing the recognition of the leaf opening and closing angles in the following manner:

- **01.** Release the motors with the dedicated keys (see relevant instruction manual).
- **02.** Place the leafs in a half open position so that they are free to open and close, then block the motors.
- **03.** To start the recognition of the opening and closing angles, push and hold the **P3 button** on the control unit as in **fig. 3**.
- 04. Release the button after the leafs have closed and have started their opening phase.
- 05. Wait until the angles recognition manoeuvre (leafs closing, opening and closing) has finished correctly (L3 led in fig. 3 off).

The EL100 interface has now been recognised.

Operating checks and test

With the gate closed, usando uno dei dispositivi collegati al morsetto SbS or transmitter, and check that the electronic lock activates for approximately 2 seconds at the beginning of the manoeuvre, thereby allowing the normal opening of the leaf; the indicator light remains on during the 2 second interval.

Maintenance and Disposal

EL100 interface needs no particular maintenance. some electronic components may contain polluting substances; do not pollute the environment. Enquire about the recycling or disposal systems of EL100 available in compliance with regulations locally in force.

Technical characteristics

EL100 is produced by NICE S.p.A. (TV) Italy. Nice S.p.A., in order to improve its products, reserves the right to modify their technical characteristics at any time without prior notice. In any case, the manufacturer guarantees their functionality and fitness for the intended purposes.

Note: all technical specifications refer to a temperature of 20°C.

■ Type: electronic lock activation control interface ■ Flashing light output: For indicator lights with 12 V, max. 21W bulb

■ Electronic lock output: 12 V~, max. 15 VA ■ Electronic lock activation time: approx. 2 s.

Maximum cable length: See Table 1

■ Operating ambient temperature: -20°C ... +50°C ■ Installation and connections: Installation in the

control unit or gearmotor

■ Protection class: IP30

■ Dimensions and weight: 60 x 59 x 422 with flaps, 60 x 38 x 422 without flaps / 50 g

