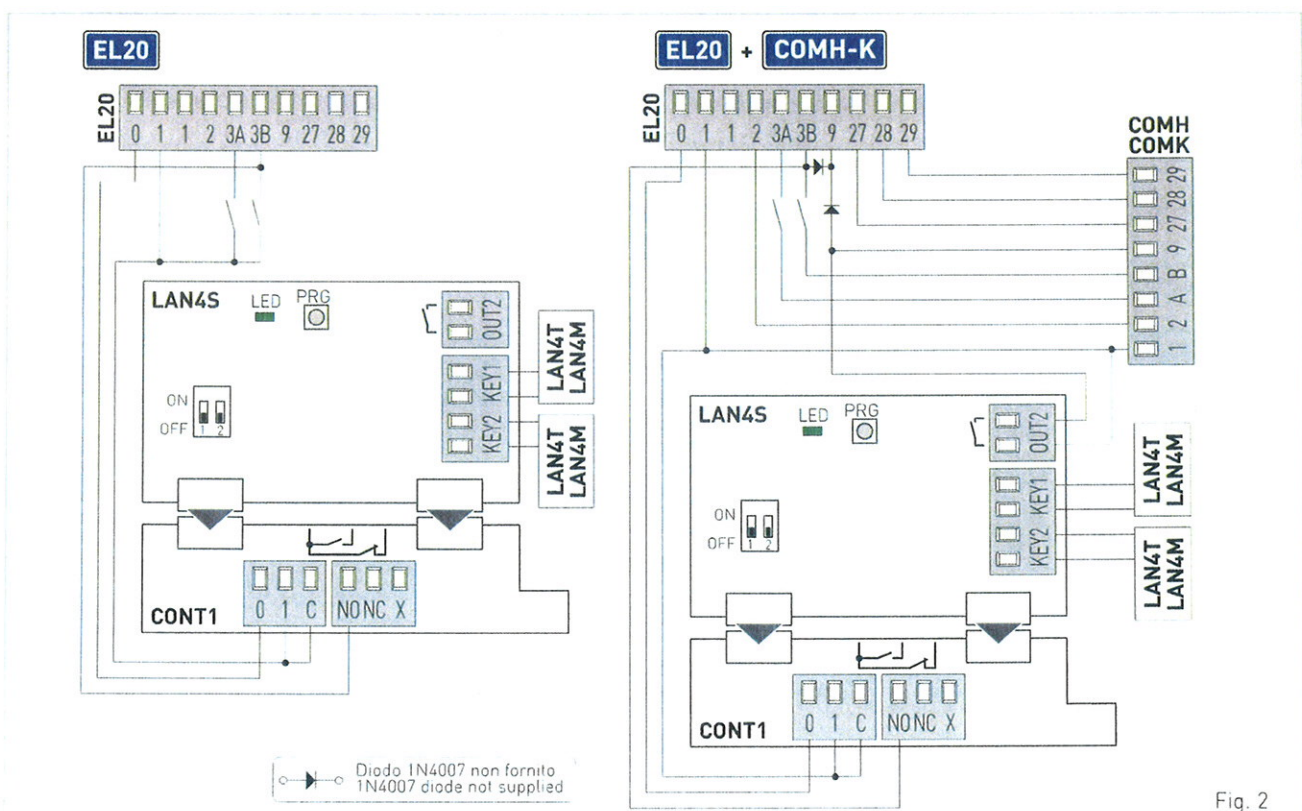
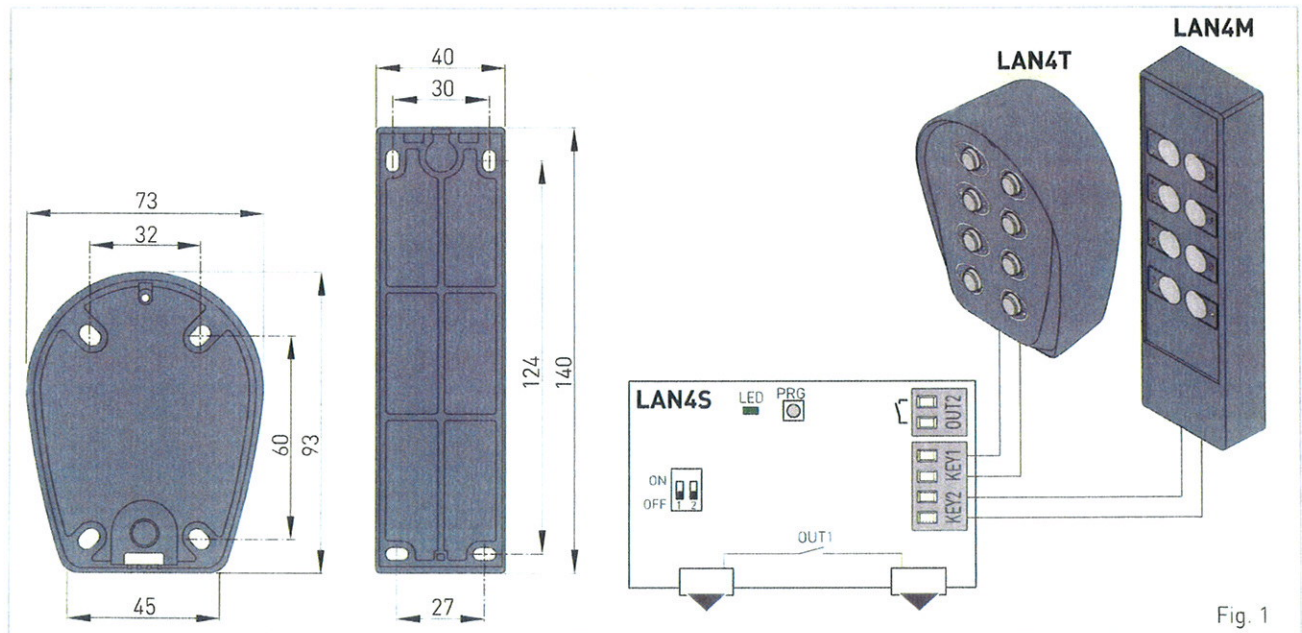


Ditec LAN4

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Manuale di installazione per sistema a combinazione digitale LAN4
Installation manual for LAN4 digital combination system.



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General safety precautions



This installation manual is intended for qualified personnel only.

Read the instructions carefully before beginning to install the product. Incorrect installation may be a source of danger. Packaging materials (plastic, polystyrene, etc.) must not be allowed to litter the environment and must be kept out of the reach of children for whom they may be a source of danger. Before beginning the installation check that the product is in perfect condition. For repairs or replacements of product only original spare parts must be used. These instructions must be kept and forwarded to all possible future user of the system.

1. Technical data

Power supply	24 V $\overline{\text{---}}$
Absorption	min 15 mA / max 40 mA
Keyboard-decoder board wiring	1,5 mm ² (max 300 m)
OUT1 N.O. output	24 V $\overline{\text{---}}$ / 1 A
OUT2 N.O. output	24 V $\overline{\text{---}}$ / 10 A
OUT1 preset code	0000
OUT2 preset code	1111
Code length	4-8 digits
Contacts activation time	1 s [DIP2=OFF] / 10 s [DIP2=ON]
Temperature	-20° C / +55° C
Degree of protection	IP65

2. Installation

The LAN4S (decoder card) and LAN4T-LAN4M (keyboard) coded control system allows motorised doors and gates to be opened (and/or the control of electrical locks) by keying in a numerical code. Insert the LAN4S decoder card in the radio receiver housing inside the control panel of the automation (or use CONT1 for external installations).

Mount the LAN4T-LAN4M keyboard so as to have a full view of the automatic door or gate.

3. Electrical connections

Connect the LAN4T-LAN4M keyboard to the LAN4S decoder board, as shown in fig. 1.

WARNING : the terminal boards of the LAN4S decoder card and the LAN4T-LAN4M keyboards have no polarity so the connection can be made either way.

1 or 2 LAN4T-LAN4M keyboards can be connected to the LAN4S decoder without making any difference.

Do not pass the wires connecting the LAN4T-LAN4M keyboards to the LAN4S decoder board in the immediate proximity of mains or power supply cables.

For installation on automatic doors and automatic doors with function selector switch in night mode, make the connections as shown in fig. 2.

4. Operation

To activate the output contacts, key in the relative predefined or personalised codes.

In the event of tampering, after 25 incorrect attempts within a space of 2 minutes, the LAN4T-LAN4M keyboard will block for 2 minutes. In these conditions, the keyboard does not recognise any code and does not emit acoustic signals.

NOTE : the flashing LED indicates a connection error.

After this time lapse, the LAN4T-LAN4M keyboard returns to the standby status.

	OFF \square	ON \blacksquare
DIP1	Code modification enabled.	Code modification disabled.
DIP2	Activation of outputs 1 s.	Activation of outputs 10 s. (Recommended for the opening and closing of automatic doors in night mode). NOTE : on control panels without terminal 4 and with COMH-COMK function selector, set TC \leq 5 s.

5. Coding of OUT1-OUT2 outputs

Characteristics of combinations:

- the length of the code must be 4÷8 digits;
- each digit must be keyed in within 3 s of the previous one, or else the code will not be considered valid;
- the digits with the same key coincide (1=2, 4=5, 7=8);
- at the first start, the factory codes are active.

WARNING : some codes may not be considered valid .

Examples of invalid codes:

- 1111 stored on OUT1 if the code 11113 is stored on OUT2;
- 13467890 stored on OUT1 if the code 1346 is stored on OUT2;
- 2222 stored on OUT1 if the code 1111 is stored on OUT2;
- 123 because the number of digits is less than the minimum limit of 4 digits;
- 1234567890 because the number of digits is more than the maximum limit of 8 digits.

Coding of OUT1-OUT2 outputs:

- key in the code stored on the output that you want to change (example: 0000);
- if DIP2=ON, wait for 10 s;
- press the [*] key for 5 s;
- after 3 brief acoustic signals, key in the new code within 60 s (example: 12345);
- press the [*] key;
- the correct storage is confirmed by an acoustic signal.

6. Second keyboard installation

Make the electrical connections as indicated.

To activate the second keyboard, briefly press the PRG key on the LAN4S decoder board.

7. Reset of factory codes

To reset the original codes of the LAN4S decoder board (OUT1 code=0000; OUT2 code=1111):

- press the PRG key and keep pressed until the LED switches on;
- release it and press again within 5 s.

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