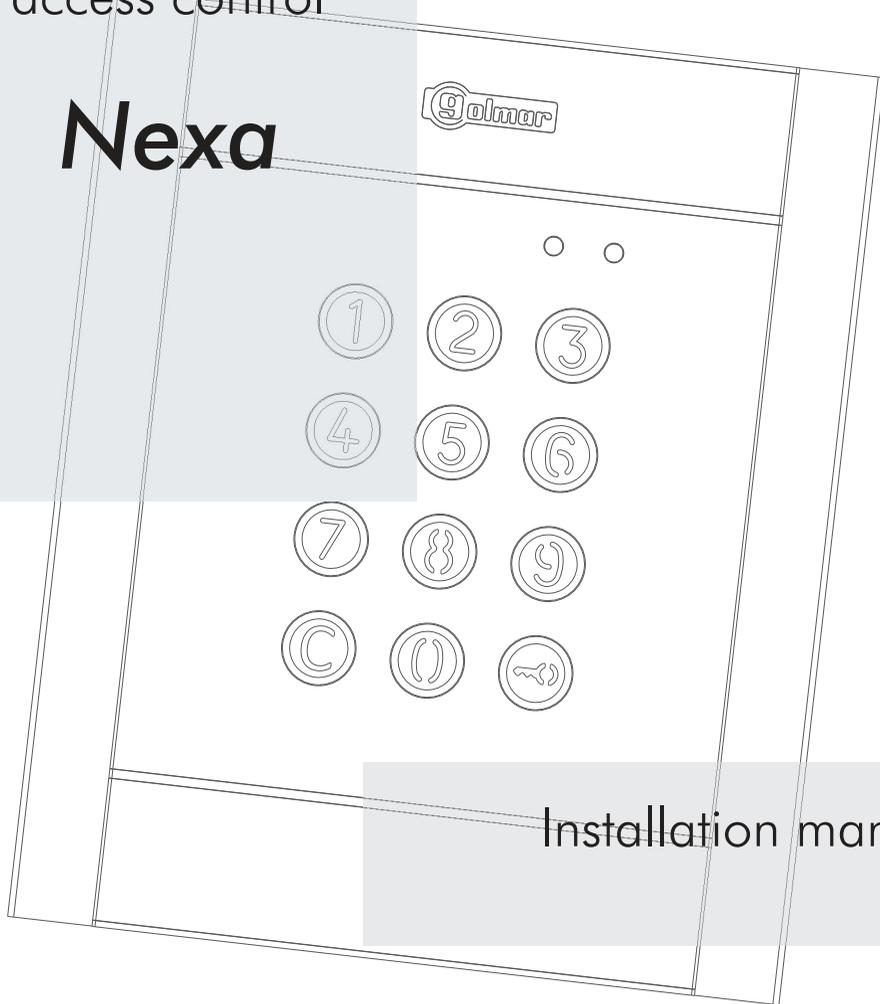




Code 50123637

Standalone  
keypad  
access control

**Nexa**



Installation manual

# INTRODUCTION

First of all we would like to thank you and congratulate you for purchasing this product manufactured by Golmar.

Our commitment to satisfying our customers can be seen from our ISO-9001 certification and from the manufacturing of products like this one.

Its advanced technology and exacting quality control will ensure that customers and users enjoy the many features this system offers. To obtain the maximum benefit from these features and a properly wired installation, we kindly recommend that you spend a few minutes of your time reading this manual.

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# STARTING RECOMMENDATIONS

- ☞ The fitting and handling of this equipment must be carried out by **authorised personnel**.
- ☞ Always **disconnect the power supply** before making modifications to the equipment.
- ☞ Do not overtighten the screws on the transformer terminal block.
- ☞ The wiring must run at least **40 cm** away from any **other wiring**.
- ☞ Before connecting the equipment, check the wiring of the access control module and transformer(s).
- ☞ Always follow the instructions contained in this manual.

# SAFETY PRECAUTIONS

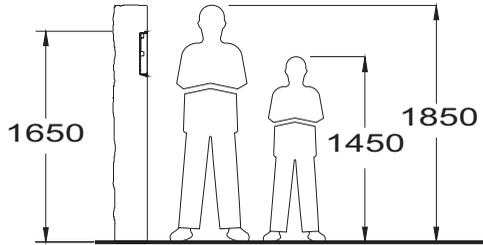
- ☞ Install or modify the equipment **without the power connected**.
- ☞ The installation and handling of this equipment must be performed by **authorised personnel**.
- ☞ Do not use excessive force when tightening the access control module connector screws.
- ☞ The entire installation must be at least **40 cm** away from any **other wiring**.
- ☞ In the power supply unit:
  - ☹ Do not use excessive force when tightening the connector screws.
  - ☹ Install the transformer in a dry and protected place without risk of drip or water projections.
  - ☹ Avoid to place it near to heating sources, in dusty locations or smoky environments.
  - ☹ Do not block ventilation holes of the unit so that air can circulate freely.
  - ☹ To avoid damage, the transformer has to be firmly fixed.
  - ☹ To prevent electric shock, do not remove the protection cover or handle the wiring connected to the terminals.
- ☞ Always follow the instructions contained in this manual.

- ☞ Standalone numeric keypad access control module.
- ☞ Backlit keypad.
- ☞ Power 12Vac or 18-24Vdc.
- ☞ Combinable with "Nexa Modular" and "Nexa Stainless Steel Modular panels (see pp. 19-21 for installation type).
- ☞ 2 potential-free relay outputs (NO, C, NC) and digital panic output (to alarm centre) with 999 activation codes.
- ☞ 4, 5 or 6 digit programmable codes.
- ☞ Possibility of using the same user code for the different relays and digital panic output.
- ☞ Relays 1 and 2 with three potential-free contacts (NO, C, NC), configurable by programming in stable or impulse mode (maximum load: 18 Vac/1A 18VA or 24Vdc/0.75A 18W).
- ☞ Impulse mode activation time programmable from 1 to 99 seconds for each relay and digital panic output.
- ☞ Lock activation time programmable from 3 to 15 minutes.
- ☞ Wrong code lock programmable for 3 to 9 attempts and at a lower interval also programmable from 1 to 15 minutes.
- ☞ 2 inputs for external relay 1 activation button (PL1) and relay 2 (PL2) "door opening".
- ☞ 'JP1' jumper for tamper alarm activation.
- ☞ Internal beeper system (programming, button presses, correct codes, tamper alarm activated, wrong codes, etc.).
- ☞ LEDs on the front to indicate operating status (standby, correct code, wrong code, locked, programming, etc.).

## INSTALLATION WITH 'NEXA M' / 'NEXA I' PANELS

- ☞ If the access control module is to be fitted to a '**Nexa Modular**' or '**Nexa Inox Modular**' door panel, follow the mounting instructions contained in the manual supplied with the panel and disregard the content of pp. 3-4 of this manual. Connect and program the module as described in this manual.

## E mbedding box positioning.



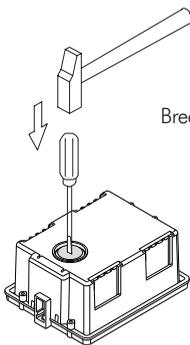
Make a hole in the wall so that the top of the module is located at a height of 1.65m.

Hole dimensions:

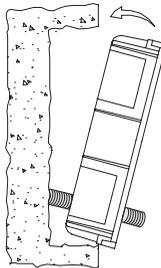
Embedding box NCEV-90CS: 99(W) x 132,5(H) x 56,5(D) mm.

The module has been designed to withstand all environmental conditions. We do however recommend taking extra precautions to prolong its life (covered areas, rainproof covers, etc.).

## P lace the embedding box.

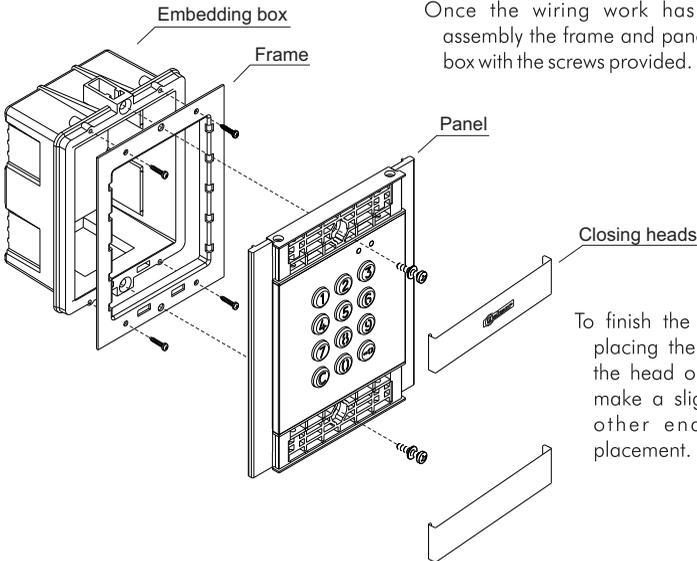


Break through **the hole to allow the entry of the cable into the bottom section of the embedding box.**



Pass the cable through the hole.  
Embed the box and ensure that it is level and flush.  
Once embedded, remove the protective stickers from the screw holes.

**A**ssemble the frame and closing the panel.



Once the wiring work has been completed, assemble the frame and panel to the embedding box with the screws provided.

To finish the panel assembly by placing the closing heads, put the head on one side and make a slight pressure on the other end, to its correct placement.

## POWER SUPPLY UNIT INSTALLATION

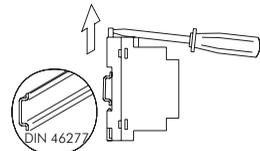
Installing the TF-104 transformer.



Install the transformer in a dry and protected place.

Please note that current regulations stipulate that the transformer must be protected by a thermo-magnetic circuit breaker.

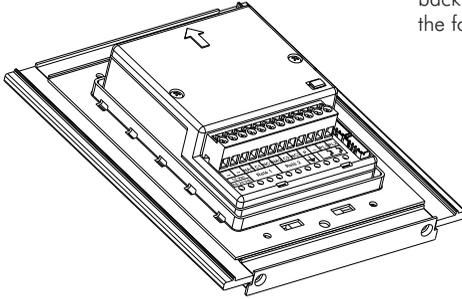
To wall mount the transformer, position the fastening tabs. Drill two 6mm diameter holes and insert the wall plugs. Fix the transformer with the specified screws.



The transformer can be mounted onto a DIN rail (3 elements) by applying slight pressure.

To remove the transformer from the rail, use a flat screwdriver and lever it off, as shown in the drawing.

## M module description.



The wiring terminals are located at the back of the module and correspond to the following connections:

- ~, ~ : power supply.
- NA1 : normally open output relay 1.
- C1 : common relay 1.
- NC1 : normally closed output relay 1.
- NA2 : normally open output relay 2.
- C2 : common relay 2.
- NC2 : normally closed output relay 1.
- P : panic output.
- : negative.
- PL1 : input for external relay 1 push button.
- PL2 : input for external relay 2 push button.

## J P1 jumper description.

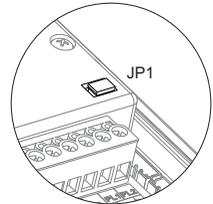
The **JP1** jumper, located at the right of the terminal block, activates the tamper alarm.



Normal operation, alarm not activated.



Tamper alarm mode activated. In this mode, the module's keypad operation and external buttons are disabled. The LEDs and the keypad's backlight are turned off and a constant audible alarm and the "P" panic output of the open collector (3 seconds every minute) are activated. Alarm mode ends when the JP1 bridge is replaced.



## S W1 microswitch description.

The **SW1** microswitch is located at the left side of the module.

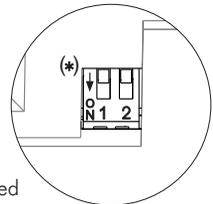


It enables the "special installer" pin code to be reset to the assigned factory code.

**Proceed as follows:** Set microswitch no. 1 to ON. The module will emit 2 beeps and the green LED on the front will light up for 1 second. Then set the microswitch to OFF (the code is now the one assigned at the factory). If, during this process, the access control module was locked, the "special unlock" pin code will also be reset to the assigned factory code.

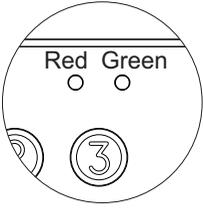


No standalone access control function (**placed to OFF position**).



(\*) Factory setting.

## Self-testing LED description.



The self-testing LEDs are located on the upper right side of the front of the module.

	Operation	Red LED	Green LED
<b>Standby</b>	Normal	On	Off
	Locked	Quick blink	Off
	Correct code	On	On (1 second)
	Wrong code	4 quick blinks	Off
<b>Programming mode</b>	Normal	Slow blink	Off
	Confirm field	Slow blink	2 quick blinks
	Confirm sequence	Slow blink	4 quick blinks
	Wrong code	4 quick blinks	Off

## Beeper description.

The access control module features an internal beeper for reproducing operation beeps.

Operation	Duration
Programming	5 quick beeps
Confirm field	2 quick beeps
Confirm sequence	4 quick beeps
Cancel	1 long beep (0.5 sec)
Error	1 long beep (1 sec)
Key press	1 quick beep
Alarm activated	1 constant beep

**M**odule in standby mode.

In standby mode, the module can perform the following operations:

**Activation of external buttons:** Allows activation of relay outputs 1 and 2 by means of external buttons PL1 and PL2 respectively.

The button can be configured by means of programming to activate and deactivate the output by pressing the button or activate the output by pressing the button and deactivate after a period of between 1 and 99 seconds.

**Through the keypad:**

Special default codes: (bear in mind the number of digits in the code).

Administrator code: 271800. 2718 if the number of digits configured = 4.

CP1 button code: 111100. 1111 if the number of digits configured = 4.

CP2 button code: 222200. 2222 if the number of digits configured = 4.

Unlock code: 333300. 3333 if the number of digits configured = 4.

**Opening through the user code:** Allows activation of the outputs (relay 1/relay 2/panic) associated with the existing user. Press the key button, followed by the user code.

**"key button" + "user code".**

**Administrator code:** Allows entry into programming mode. Also enables the panel to be unlocked if it has been previously locked. Press the key button three times and then enter the administrator code.

**"key button" + "key button" + "key button" + "administrator code".**

**CP1 button code:** Enables or disables external button PL1 and/or PL2 associated with the CP1 code. Press the key button three times and then enter the CP1 code.

**"key button" + "key button" + "key button" + "CP1 code".**

**CP2 button code:** Enables or disables external button PL1 and/or PL2 associated with the CP2 code. Press the key button three times and then enter the CP2 code.

**"key button" + "key button" + "key button" + "CP2 code".**

**Unlock code:** Allows the module to be unlocked only if it has previously been locked. Press the key button three times and then enter the unlock code.

**"key button" + "key button" + "key button" + "unlock code".**

**Change user code:** Allows users to change their own codes. Does not modify the outputs (relay 1/relay 2/panic) associated with the user. Press the key button twice, followed by the current user code, then press the key button again, followed by the new user code, and then press the key button a final time. The new user code must have the same number of digits as the current user code and cannot be the same as an existing user code.

**"key button" + "key button" + "current user code" + "key button" + "new user code" + "key button".**

## Programming mode entry and exit.

To enter programming mode, press the key button three times and then enter secret administrator code "27180".<sup>(\*)</sup>

key button + key + key + administrator code.



To exit programming mode, press the C button (cancel) once if it is in a programming field or twice if not.

If, after 2 minutes, no key has been pressed, it exits programming mode.

Programming mode entry and exit is confirmed by the emitting of 5 quick beeps.

### (\*) Important:

Bear in mind the number of digits in the configured code (factory setting 2718 = 4).

## Programming mode structure and sequence.

Programming of the keypad functions is performed by entering the field or function code, followed by the field value(s).

Once in programming mode, the programming sequence is as follows:

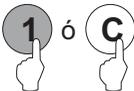


Enter the field code: this code is always 1 digit. The keypad will emit 2 quick confirmation beeps.



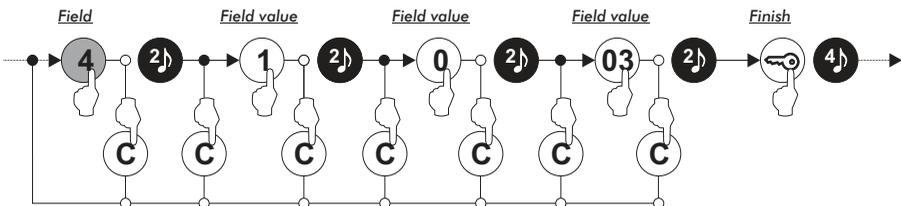
Enter the value of the field being programmed. Once the value has been entered, the keypad will emit 2 quick confirmation beeps. To finish programming the field, press the key button and the keypad will emit 4 quick confirmation beeps.

Note: If, after 15 seconds, no key has been pressed, a long error beep will be emitted and the field code will need to be re-entered.



Enter the code of the following field or press the C button (cancel) to exit programming mode.

If an incorrect value has been entered, press the C button (cancel). The keypad will emit a long confirmation beep. If the field code was being entered, even after the confirmation beep, exit this menu and re-enter the field code.



## Programming mode fields.

The module comes programmed with factory settings except for the activation codes (user), which are left empty for security reasons. For system operation tailored to the needs of the user, check all of the values in all of the fields. The fields do not need to be programmed in numerical order.

### Enter programming mode:

Step 1: Press the key button three times and then enter the administrator code.

Key button + key + key + administrator code



(1) Bear in mind the number of digits in the configured code (factory setting 2718 = 4).

Step 2: Then press the field number:

**Field "0":** Configuring the number of digits in the activation codes (user) and special codes.

Steps: Field + number of digits + key button.



(Step 1)



Press "0" to select field "0".

(Step 2)



Set the number of digits for the "user" activation codes and special codes. Enter 4, 5 or 6 digits.

The factory setting has 4 digits.

**To change this value, add or remove 1 or 2 zeros from the end of the existing codes, for example:**

Administrator code 2718 ("factory setting" 4 digits).

Administrator code 27180 (5 digits).

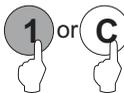
Administrator code 271800 (6 digits).

(Step 3)



Press the key button to finish programming the field.

(Step 4)



Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued from previous page****P**rogramming mode fields.**Field "1":** Programming a new activation code (user).

Allows new user codes (from "0000" to "9999") to be created and outputs to be assigned for activation with the created codes.

Note: Depending on the number of digits configured in field "0" (factory setting = 4).

Number of digits = 4, user codes from "0000" to "9999".

Number of digits = 5, user codes from "00000" to "99999".

Number of digits = 6, user codes from "000000" to "999999".

Steps: Field + memory position + user code + outputs + bus code + key.

**(Step 1)**

Press "1" to select field "1".

**(Step 2)**

Set the memory position number for the location of the new user code.

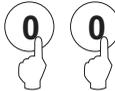
Possible memory positions: "001" to "999".

**(Step 3)**

Set the user code. Possible user codes: "000000" to "999999" with "6" digits. Factory setting of "4" digits: "0000" to "9999"

(see example of number of digits on page 9, step 2).

Duplicate user codes are not allowed.

**(Step 4)**

Set the output(s) that the user code entered in step 3 will activate.

Enter one of the following options or press the key button<sup>(\*)</sup>:

"00": relay 1 + relay 2 + panic output (terminal "P" on the terminal block).

"01": relay 1.

"02": relay 2.

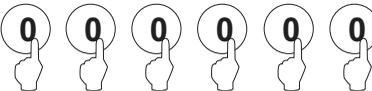
"03": relay 1 + relay 2.

"04": panic output (terminal "P" on the terminal block).

"05": relay 1 + panic output (terminal "P" on the terminal block).

"06": relay 2 + panic output (terminal "P" on the terminal block).

<sup>(\*)</sup>Note: If the key button is pressed, option "3" is set in this value field: relay 1 + relay 2, in the value field "bus code" as "000000" and the programming of the field finishes.

**With access control module V03 or later.****(Step 5)**

Only enter "000000" or press the key button.<sup>(\*)</sup>

<sup>(\*)</sup>Note: If the key button is pressed, "000000" is set in this value field and the programming of the field finishes.

**(Step 6)**

Press the key button to finish programming the field.

Note: It is not necessary to press the key button if it has already been pressed in step 4 or 5.

**(Step 7)**

Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued**

**Continued from previous page**

## P

rogramming mode fields.

**Field "2":** Changing special codes.

Allows the current code of the special codes to be changed (see p. 7). The new special code must have the same number of digits as the current code.

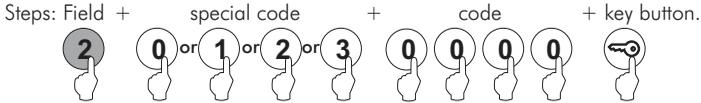
Duplicate special codes are not allowed.

Note: Depending on the number of digits configured in field "0" (factory setting = 4).

Number of digits = 4, special codes from "0000" to "9999".

Number of digits = 5, special codes from "00000" to "99999".

Number of digits = 6, special codes from "000000" to "999999".

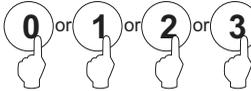


(Step 1)



Press "2" to select field "2".

(Step 2)



Set the special code to select for subsequent code changes.

Enter one of the following options:

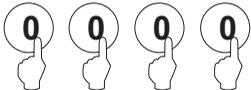
"0": Select the administrator code.

"1": Select the CP1 button code.

"2": Select the CP2 button code.

"3": Select the unlock button code.

(Step 3)



Set a new code number. Possible special codes: "000000" to "999999" with "6" digits. Factory setting of "4" digits: "0000" to "9999" (see example of number of digits on p. 9, step 2).

Duplicate special codes are not allowed.

(Step 4)



Press the key button to finish programming the field.

(Step 5)



Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued**

**Continued from previous page****P**rogramming mode fields.**Field "3":** Deleting user codes.

Allows the deletion of existing user codes.

Note: Possible memory positions: "001" to "999".

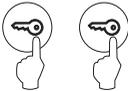
Steps: Field + memory position + key + key button.

**(Step 1)**

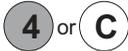
Press "4" to select field "4".

**(Step 2)**

Set the number of the existing memory position to select for deletion.  
 Note: Possible memory positions: "001" to "999".  
 Enter an existing memory position to be deleted.  
 If the value "000" is entered, all memory positions **will be deleted.**

**(Step 3)**

Press the key button twice to confirm the deletion and finish programming the field.

**(Step 4)**

Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued**

**Continued from previous page**

**P**rogramming mode fields.

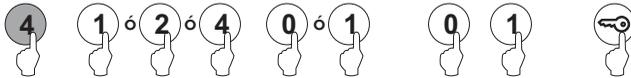
**Field "4":** Configuring the outputs.

Allows the outputs of relay 1 and relay 2 and the panic output (terminal "P" of the terminal block) to be configured.

The configuration of the outputs of relay 1 and relay 2 and the panic output is common to all valid user codes.

The outputs of relay 1 and relay 2 and the panic output can be activated in impulse mode (01 to 99 seconds) or in stable mode.

Steps: Field + output number + output mode + activation time + key button.

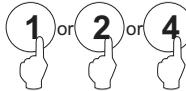


(Step 1)



Press "4" to select field "4".

(Step 2)



Set the output to be selected for configuration.

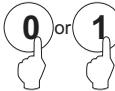
Enter one of the following options:

"1": Select relay 1 output.

"2": Select relay 2 output.

"4": Select panic output.

(Step 3)



Set the activation mode of the output selected in step 2. Enter one of the following options:

"0": Activation time mode.

"1": Stable mode.

(Step 4)



Set the activation time of the output selected in step 2. Only takes effect if the output is set as impulse in step 3.

Enter a value from "01" to "99" seconds or press the key button.<sup>(\*)</sup>

(\*) Note: If the key button is pressed, this field is set with a value of "03" seconds and the programming of the field finishes.

(Step 5)



Press the key button to finish programming the field.

Note: It is not necessary to press the key button if it has already been pressed in step 4.

(Step 6)



Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued**

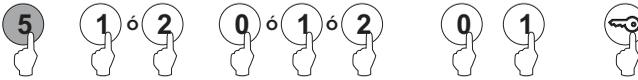
**Continued from previous page****P**rogramming mode fields.**Field "5":** Configuring the external buttons.

Allows external buttons PL1 and PL2 to be configured with the following modes:

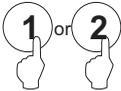
- Allows the button to: Always be enabled or, through button codes CP1 or CP2, enable/disable the functioning of the button.
- Allows an activation time for external buttons PL1 and PL2 of between "01" and "99" seconds for relay 1 and relay 2 outputs respectively. Only takes effect if the relay output of the external button has been configured in activation time mode (see p. 13, "field 3").

Note: External buttons PL1 and PL2 activate relays 1 and 2 respectively.

Steps: Field + push button + push button mode + activation time + key button.

**(Step 1)**

Press "5" to select field "5".

**(Step 2)**

Set the external button to select for configuration. Enter one of the following options:

- "1": Select external button PL1.
- "2": Select external button PL2.

**(Step 3)**

Set the button mode selected in step 2.

Enter one of the following options:

- "0": Always enabled.
- "1": Enable/disable function with the CP1 button code.
- "2": Enable/disable function with the CP2 button code.

**(Step 4)**

Set the activation time for the external button selected in step 2. Only takes effect if the relay output has been configured in activation time mode (see p. 13, "field 3").

Enter a value from "01" to "99" seconds or press the key button.<sup>(\*)</sup>

<sup>(\*)</sup>Note: If the key button is pressed, this field is set with a value of "03" seconds and the programming of the field finishes.

**(Step 5)**

Press the key button to finish programming the field.

Note: It is not necessary to press the key button if it has already been pressed in step 4.

**(Step 6)**

Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

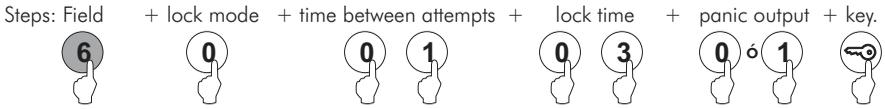
**Continued**

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**P**rogramming mode fields.

**Field "6":** Configuring lock mode.

Allows the access control module's lock mode to be configured.



(Step 1)



Press "6" to select field "6".

(Step 2)



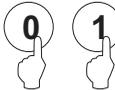
Set the access control module's lock mode.

Enter one of the following options:

"0": Never locks.

"3" to "9": Locks after "3" to "9" failed attempts to enter the user code.

(Step 3)



Set the minimum amount of time that must elapse between failed attempts before the access control module is locked. Only takes effect if option "0" has not been selected in step 2.

The times to select are "01" to "15" minutes or press the key button.<sup>(\*)</sup>

<sup>(\*)</sup>Note: If the key button is pressed, this field value is set as "03" minutes, the "lock time" field value is "03" minutes, the "panic output" value field is "0" not activated and the programming of the field finishes.

(Step 4)



Set the amount of time that the access control module remains in lock mode after the last wrong code has been entered. Only takes effect if option "0" has not been selected in step 2.

The times to select are "03" to "15" minutes or press the key button.<sup>(\*)</sup>

<sup>(\*)</sup>Note: If the key button is pressed, the field value is set as "03" minutes, the "panic output" value field is "0" not activated and the programming of the field finishes.

(Step 5)



Set the activation of the panic output (terminal "P" of the terminal block) during lock mode. Only takes effect if option "0" has not been selected in step 2.

Enter one of the following options or press the key button:<sup>(\*)</sup>

"0": Output not activated.

"1": Output activated (for 3 seconds in intervals of 1 minute).

<sup>(\*)</sup>Note: If the key button is pressed, the field value is set as "0" and the programming of the field finishes.

(Step 6)



Press the key button to finish programming the field.

Note: It is not necessary to press the key button if it has already been pressed in steps 3, 4 or 5.

(Step 7)



Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued**

**Continued from previous page****P**rogramming mode fields.

**Field "7":** Configuring the identification ID of the access control module (**Not configuring**).

Allows an identification code (ID) to be configured for the access control module.

Note: Possible identification codes (ID): "000" to "999".

**IMPORTANT:** This programming field is not applicable for standalone access control.

Steps: Field + ID code + key button.



(Step 1)



Press "7" to select field "7".

(Step 2)



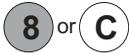
Set an identification code (ID) for the access control module.  
Note: Possible identification codes (ID): "000" to "999".

(Step 3)



Press the key button to finish programming the field.

(Step 4)



Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Continued**

**Continued from previous page**

**P**rogramming mode fields.

**Field "8":** Configuring depth of field (**Not configuring**).

Allows the number of digits in the calling code to be configured.

**IMPORTANT: This programming field is not applicable for standalone access control.**

Steps: Field + number of calling code digits + direct call + key button.



(Step 1)



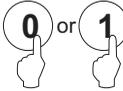
Press "8" to select field "8".

(Step 2)



Set the number of digits in the calling code.  
Enter one of the following options:  
"1" or "2" or "3"

(Step 3)



Set the direct call: by entering a call code on the keypad if necessary or do not press the key button to confirm.  
Enter one of the following options:  
"0": Disable.  
"1": Enable.

(Step 4)



Press the key button to finish programming the field.

(Step 5)



Then press the number of the next field to configure or press the C button (cancel) to exit programming mode.

**Field "9":** Configuring the keypad sound.

Allows a beep to be heard when pressing the access control module's keypad buttons.

Steps: Field + keypad sound + key button.

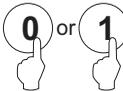


(Step 1)



Press "9" to select field "9".

(Step 2)



Allows a beep to be heard when pressing the access control module's keypad buttons.  
Enter one of the following options:  
"0": No keypad sound.  
"1": Keypad sound.

(Step 3)



Press the key button to finish programming the field.

(Step 4)



Then press the C button (cancel) to exit programming mode.

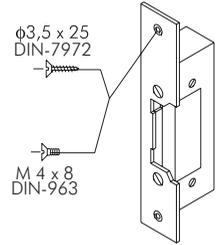
## Factory settings.

The access control module has the following factory default settings:

- **Special codes:** Bear in mind the number of digits in the code (see p. 7).
  - Administrator code: 271800. 2718 if the number of digits configured = 4.
  - CP1 button code: 111100. 1111 if the number of digits configured = 4.
  - CP2 button code: 222200. 2222 if the number of digits configured = 4.
  - Unlock code: 333300. 3333 if the number of digits configured = 4.
- **Number of digits in user and special codes:** Programming field "0" (p. 9).
  - Step 2 : "4" – 4 digit code.
- **Configuring relay 1:** Programming field "4" (p. 13).
  - Step 3 : "0" Impulse.
  - Step 4 : "03" Activation time (seconds).
- **Configuring relay 2:** Programming field "4" (p. 13).
  - Step 3 : "0" Impulse.
  - Step 4 : "03" Activation time (seconds).
- **Configuring the panic output:** Programming field "4" (p. 13).
  - Step 3 : "0" Activation time mode.
  - Step 4 : "10" Activation time (seconds).
- **Configuring external button PL1:** Programming field "5" (p. 14).
  - Step 3 : "1" Enable/disable the functioning of the button with button code CP1.
  - Step 4 : "10" Activation time (seconds).
- **Configuring external button PL2:** Programming field "5" (p. 14).
  - Step 3 : "2" Enable/disable the functioning of the button with button code CP2.
  - Step 4 : "05" Activation time (seconds).
- **Configuring lock mode:** Programming field "6" (p. 15).
  - Step 2 : "3" Maximum number of failed attempts to enter user code.
  - Step 3 : "03" Minimum time between failed attempts (minutes).
  - Step 4 : "03" Duration of lock mode (minutes).
  - Step 5 : "1" The panic output is activated during lock mode.
- **Configuring the identification ID:** Programming field "7" (p. 16) **(Not configuring)**.
  - Step 2 : "000" Identification ID. **Do not modify this field value.**
- **Configuring depth of field:** Programming field "8" (p. 17) **(Not configuring)**.
  - Step 2 : "3" Depth of field. **Do not modify this field value.**
  - Step 3 : "0" Direct call disabled. **Do not modify this field value.**
- **Configuring keypad sound:** Programming field "9" (see p. 17).
  - Step 2 : "1" Beep when keypad buttons pressed (activated).

Lock release installation.

If the lock release is to be fitted to a metal door, use a  $\varnothing 3.5\text{mm}$  drill bit and thread the hole made.  
For wooden doors, use a  $\varnothing 3\text{mm}$  drill bit.



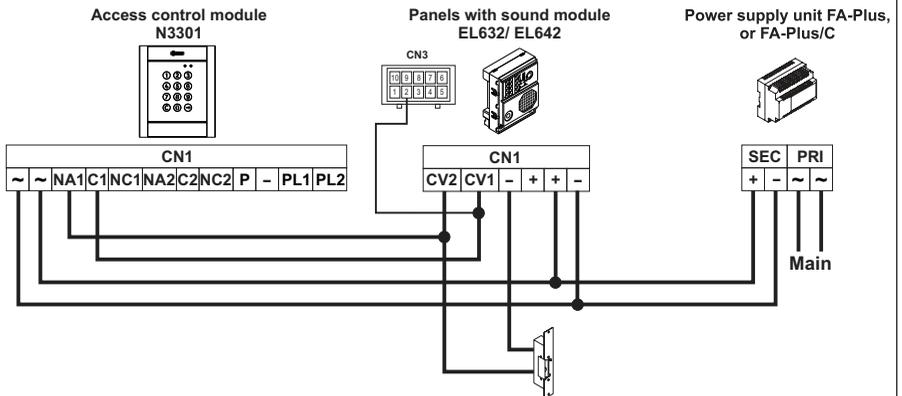
**IMPORTANT: the access control module is supplied with two varistors. If connecting a lock release with alternating current in one of the outputs, place the varistor on the lock release terminals directly to ensure the module functions correctly.**

## INSTALLATION DIAGRAMS

Combined with 'Nexa Modular/Nexa Inox Modular' door panels.

The wiring of the access control module with 'Nexa Modular/Nexa Inox Modular' door panels will vary depending on the type of installation. Use the same power supply unit as the panels.

Electronic or video access control systems with digital installation.



Continued

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Combined with 'Nexa Modular/Nexa Inox Modular' door panels.

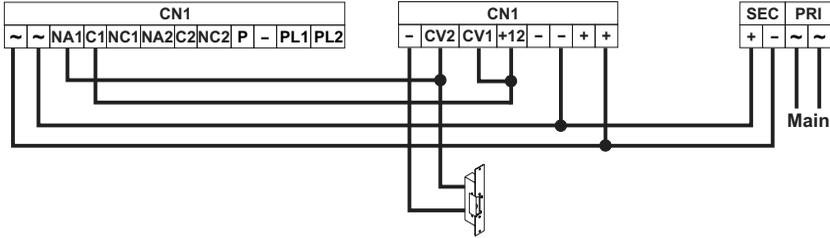
Access control module  
N3301



Panels with sound module  
EL632-R5/ EL642-R5



Power supply unit  
FA-Plus/C



Audio door entry systems with one access door and 4+'n' installation.

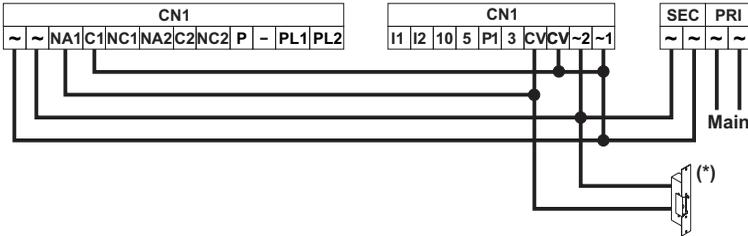
Access control module  
N3301



Panels with sound module  
EL655



Transformer  
TF-104



Audio door entry systems with several access doors and 4+'n' installation.

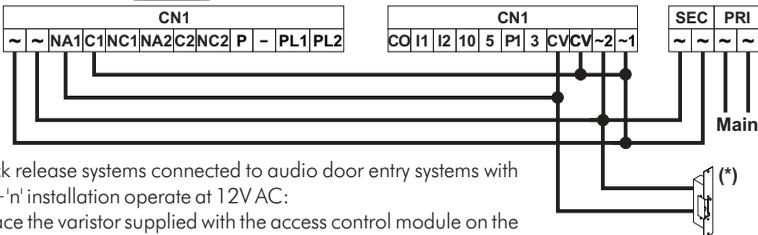
Access control module  
N3301



Panels with sound module  
EL651

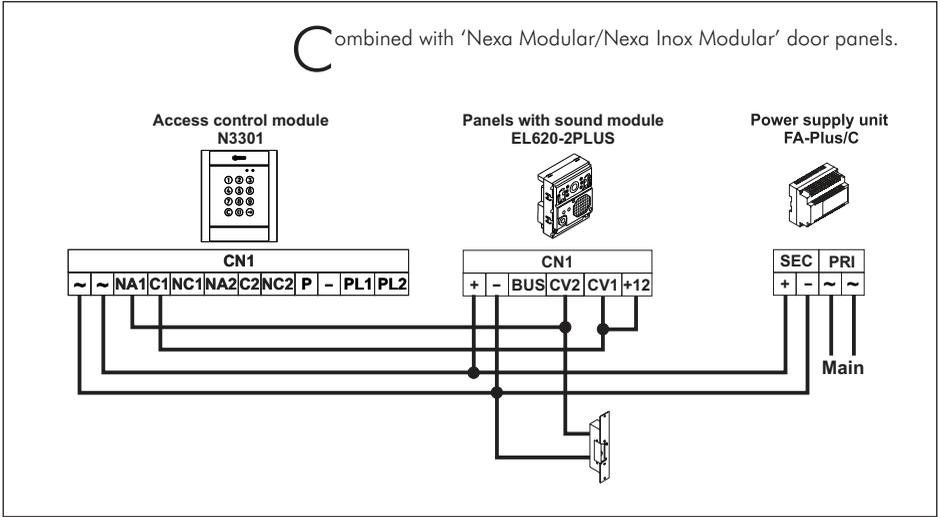


Transformer  
TF-104



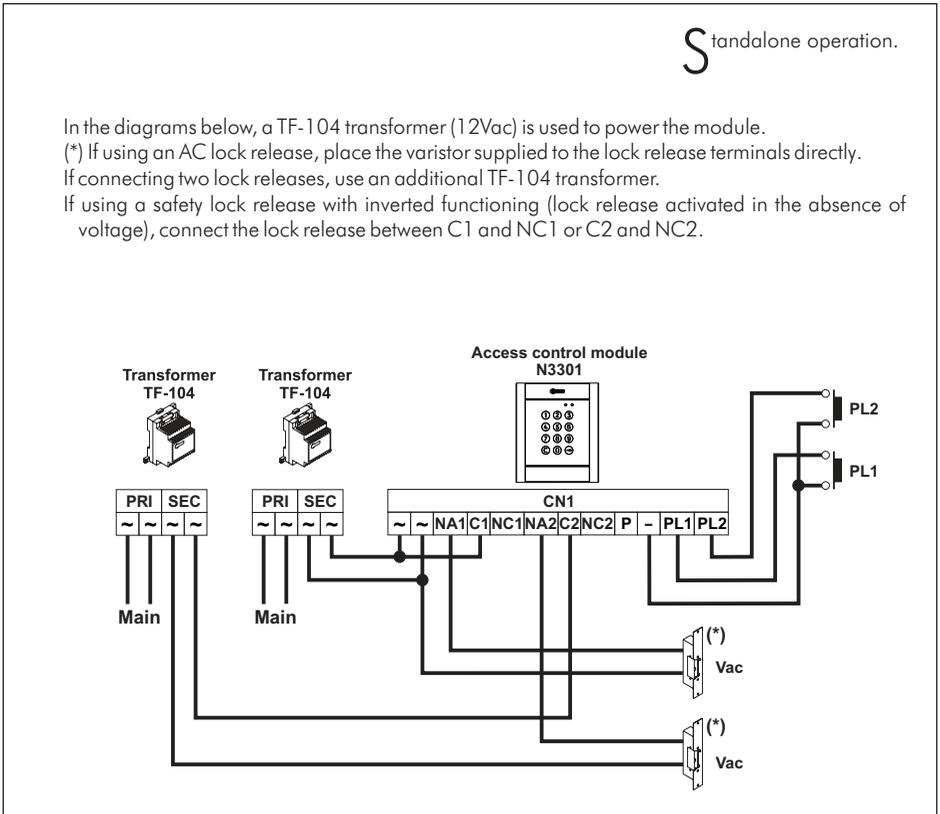
(\*) Lock release systems connected to audio door entry systems with 4+'n' installation operate at 12V AC:  
Place the varistor supplied with the access control module on the lock release terminals directly.

Combined with 'Nexa Modular/Nexa Inox Modular' door panels.



Standalone operation.

In the diagrams below, a TF-104 transformer (12Vac) is used to power the module.  
 (\*) If using an AC lock release, place the varistor supplied to the lock release terminals directly.  
 If connecting two lock releases, use an additional TF-104 transformer.  
 If using a safety lock release with inverted functioning (lock release activated in the absence of voltage), connect the lock release between C1 and NC1 or C2 and NC2.



A large rectangular box containing 30 horizontal dotted lines for writing notes.

Este producto es conforme con las disposiciones de las Directivas Europeas aplicables respecto a la Seguridad Eléctrica **2006/95/CEE** y la Compatibilidad Electromagnética **2004/108/CEE**, así como con la ampliación en la Directiva del Mercado CE **93/68/CEE**.

*This product meets the essentials requirements of applicable European Directives regarding Electrical Safety **2006/95/ECC**, Electromagnetic Compatibility **2004/108/ECC**, and as amended for CE Marking **93/68/ECC**.*



**NOTA:** El funcionamiento de este equipo está sujeto a las siguientes condiciones:

(1) Este dispositivo no puede provocar interferencias dañinas, y (2) debe aceptar cualquier interferencia recibida, incluyendo las que pueden provocar un funcionamiento no deseado.

**NOTE:** Operation is subject to the following conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any received interference, including the ones that may cause undesired operation.



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