

LCD KEYPAD ART. 30006002

Using the LCD keypad, authorised users can activate and deactivate the system, check and manage system status as a whole, and check the events log records.

Using the keypad, it is also possible quickly to modify the system settings and the options of each individual output.

Operations are performed by means of a combination of numerical keys and function keys, whereas feedback is both visual (alphanumeric display and LEDs) and aural (buzzer.)

The LCD keypad is equipped with 2 freely configurable alarm inputs.

Main features:

- Backlit 2 x 16 character LCD display
- Initial software addressing, from built-in keypad
- Four LEDs for immediate indication of power ON, battery alarm, generic error and alarm in progress
- Backlit keypad with ten number keys and eleven function keys
- Two universal inputs, configurable as NC, NO, single, double and triple balance, double zone and double zone with termination, with possibility of direct connection of roller shutter contacts (switch alarm)
- On-board 485 bus end-of-line resistor, which can be activated by DIP switch
- Anti-tamper and anti-tear tamper

Meaning of LEDs

The keypad features 4 LEDs; their meaning is as follows, working from top to bottom:

1. Green, Mains Power, steadily lit when the presence of mains power is detected.
2. Yellow, Battery, if lit indicates a battery anomaly (disconnected, faulty or with voltage of less than approximately 11.8V).
3. Yellow, Anomaly, if lit indicates that the system is affected by at least one anomaly.
4. Red, Alarm, if flashing indicates the presence of an alarm memory status.

DIP switches and bus termination

BUZZER	DIP1	DIP2
EXCLUDED	OFF	OFF
DOWN	ON	OFF
UP	OFF	ON
UP	ON	ON

TAMPER	DIP3
ACTIVE	OFF
EXCLUDED	ON

485 TERMINATION	DIP4
EXCLUDED	OFF
ENABLE	ON

LCD keypad terminal block description

Pin	Name	Function
1	I1	Input 1
2	I2	Input 2
3	V-	Power supply negative input / Inputs reference
4	B	RS485 data bus - B
5	A	RS485 data bus - A
6	V-	Power supply negative input
7	V+	Power supply positive input

LCD KEYPAD WITH RFID KEY READER ART. 30006003

The LCD keypad with RFID reader is identical to the standard LCD keypad in every respect, except that it is equipped with an RFID reader module. This version enables users, according to their authorisations, to activate the system partially or totally or deactivate it, using an RFID key, without having to enter a code, thereby saving time. It is compatible with Comelit RFID keys.

The RFID reader antenna is located in the bottom left-hand corner of the housing and is clearly identified by a circular, screen-printed symbol. The RFID key must be brought close to this area of the housing so that the reader can recognise it correctly.

The connection terminal block is identical to that of the LCD keypad without RFID reader.

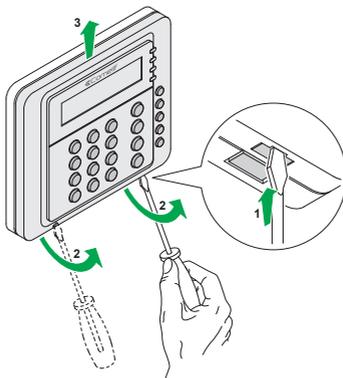
Meaning of LEDs

The LEDs have the same meaning as the LEDs on the keypad without RFID reader.

MOUNTING AND WIRING THE KEYPADS

The base of the keypads, both with and without RFID reader, has a series of slots in it to ensure versatility of mounting on a wide range of supports, starting with the ordinary type 503 box.

Opening the housing



Locate the area with the tamper support, with the pre-marked break-off panel for facilitating detachment of the tamper, and remove the silicone key acting as a tamper. Put it in a clean place.

Fixing the housing: as there are no other preliminary operations, you can proceed directly with fixing the keypad.

If the housing is to be fitted on a type 503 box:

1. Position the base of the keypad with the fixing holes aligned with the two clips on the 503 box and, using a pencil or marker pen, mark the position of the hole for the anti-tear bolt (the bolt is on the base, in the bottom right-hand corner), making sure that no electrical or service ducts (pipes, drainpipes, etc.) are routed through the area.
2. To fasten the pre-set fracture bolt of the tamper, you will be using one of the 5 mm wall plugs supplied, so drill a hole accordingly, with precision. Insert the bolt in the wall.
3. Insert the connection cable into the main hole in the base and tighten the tamper bolt by a few turns by hand, so as to have a reference point for correct alignment.

4. Fasten the type 503 box using two suitable screws, taking care not to damage the base by overtightening the screws.

If the housing is to be wall-mounted:

1. Locate a suitable position for mounting the housing and make sure that no electrical or service ducts (pipes, drainpipes, etc.) are routed through or near the holes you intend to use. Then, using a pencil or marker pen, accurately mark the position of the fixing points, including the hole for the anti-tear option.
2. To fix the housing to the wall and anchor the pre-set fracture bolt of the tamper, you will be using 5 mm wall plugs (supplied), so drill accordingly and insert the wall plugs in the wall.
3. Route the cables through the respective holes.
4. Secure the housing by fully tightening the screws into the wall plugs, without damaging the mounting points of the housing.

IMPORTANT: when closing the housing, remember to refit the tamper in its place. The black, conductive part must be visible.

