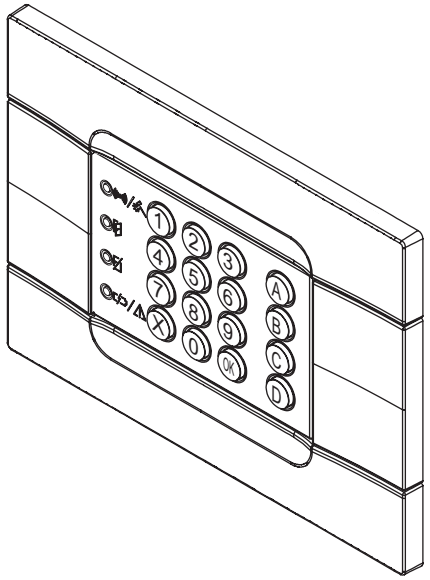
urmet
DOMUS

DS 1061-020 LBT 8513

COMMAND KEYPAD WITH LED FOR CONTROL PANEL 1061



DESCRIPTION

The control keypad with LEDs allows to arm and disarm the system, even partially, indicating the zone status by dedicated LEDs with alarm storage and fault indication.
The keypad manages up to 10 codes (4 to 6 digits) and is provided with an internal buzzer, auxiliary input and anti-tamper input.
By entering from the keypad a special code (programmable), the anti-theft function can be activated.
The keypad is connected to the control panel with the 4-wire bus and can be wall mounted, with the provided box, or flush mounted on 3-module box, using in both cases the provided frame and finishing front plate of Simon Urmet Nea domestic range.

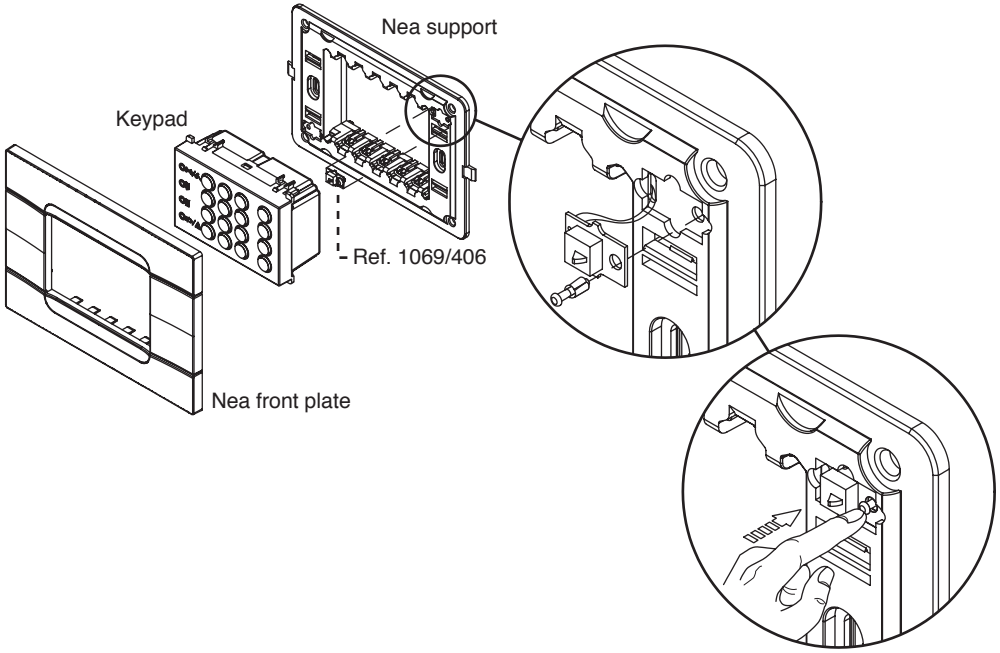
INSTALLATION

The command keypad can be housed in a 3-module flush mounting box (503 model) or in the provided surface mounting box. The keypad must be installed inside, in dry place, in a zone protected by the intrusion alarm.

The following screws are provided with the keypad:
No. 3 M 3,5 x 22 for wall mounting with screw anchors

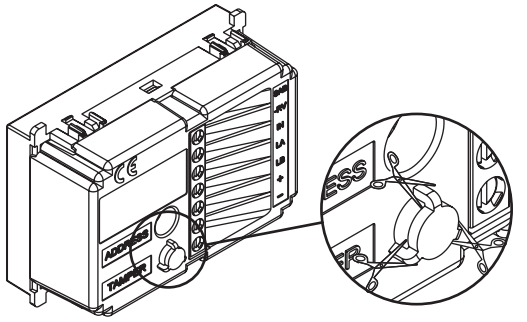
N° 2 M 3,5 x 19 for fixing the frame on box Mod. 503

N° 2 M 3,5 x 10 for installation in wall mounting box



If the keypad is installed in a flush mounting box, it must be protected against tampering by installing on the support the suitable tamper (1069/406), which must be connected to the SAB input of the keypad. The tamper can be installed on one of the two seals on the support.

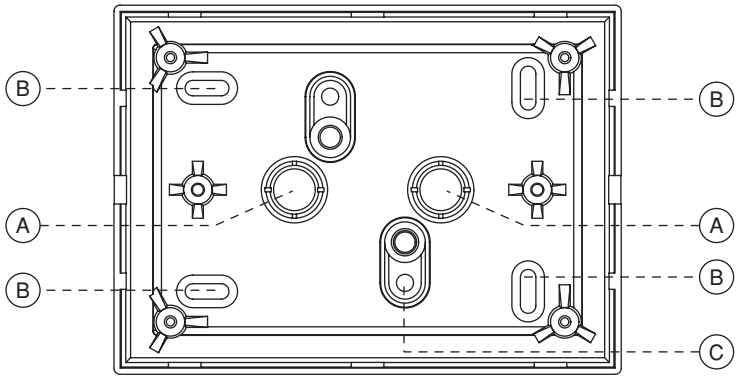
WARNING!
Cut the TAMPER protection on the keypad bottom to release the respective spring.



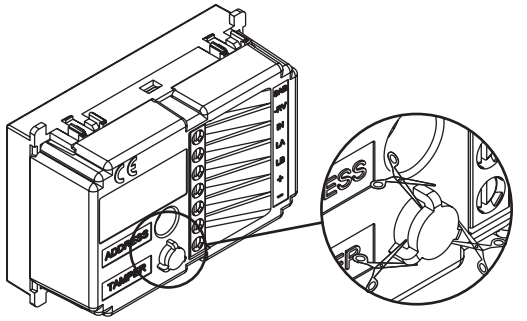
If the keypad must be housed in the wall mounting box, perform as follows:
1. Open one or both the passages for the cables (A).

   WARNING: *In the wall mounting box there are no pre-punched holes for external pipes or conduits.*

2. Place the surface mounting box and mark the fixing holes (B) and the hole for the anti-removal tamper (C).
3. Drill the wall with a 5mm bit, put the provided screw anchors and fix the surface mounting box. For a correct installation, use at least 2 fixing holes and the hole for the tamper.

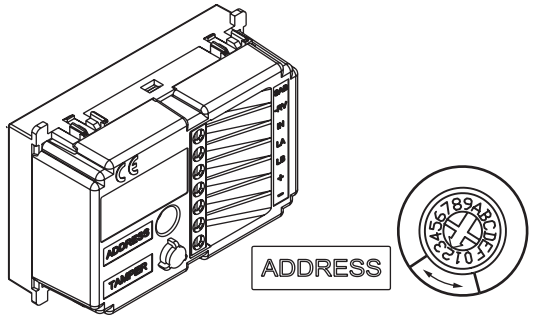


WARNING!
Cut the TAMPER protection on the keypad bottom to release the respective spring.



CONFIGURATION

The keypads address is configured with their rotary switch and the user does not need to confirm the operation. The address can be included from 0 and 3 and must be unique for the keypads group. It is suggested to number keypads during their installation. In a system up to 4 keypads can be present.

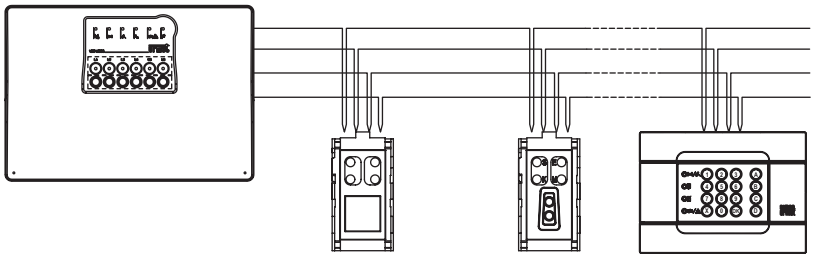


CONNECTIONS

WARNING! *All connections must be performed with the system unpowered. Connections for power supply, mains and backup battery must be performed as last operation!*

BUS DEVICES CONNECTION

Connect key readers and keypads to the control panel with the 4-wire bus. Devices must be cascade connected to the bus. The sequence followed to connect devices (command keypads, electronic key readers, proximity key readers) to the bus is irrelevant. The bus total length (i.e. the sum of the single segments), considering also the cable size, must not exceed 500m.



TERMINAL PINS

BUS	LA	Bus line, data
	LB	Bus line, clock
	+	Power supply 12V, positive
	-	Power supply 12V, negative
	IN	Auxiliary input
	-RV	0V
	SAB	Tamper input

The keypad is provided with an auxiliary input and a tamper input. Both the inputs are locally managed by the keypad and alarms are sent via bus to the control panel.

AUXILIARY INPUT

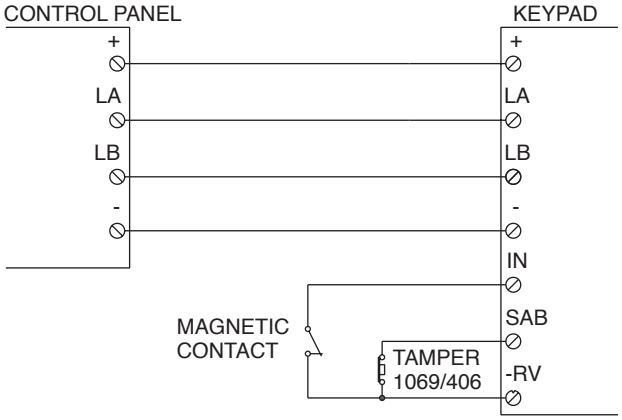
The auxiliary input is unbalanced (terminal pins In and –RV). The input is default configured as “contact”, for example for a magnetic contact on a door, but it can also be configured to connect a detector for rolling shutter.

WARNING:

- *Auxiliary inputs are always associated to zone A.*
- *The auxiliary input generates only a generic intrusion alarm , which can not be exactly localized with a dedicated led.*

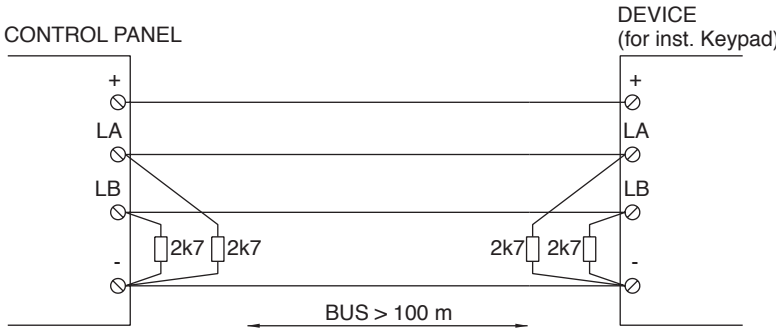
TAMPER INPUT

The keypad tamper input (terminal pins Sab and –Rv) is ready to the connection of the front tamper installed on the support.
The following figure shows the connection diagram.



If not used, the input IN must be connected to ground (-RV).

If the bus line length exceeds 100m and there are only 2 connected devices, connect between terminal pins “LA” and “–” and between “LB” and “–” of the two devices a 2,7 kOhm resistor (the same used for inputs balancing).



PROGRAMMING KEYPADS AUXILIARY INPUTS

The input is default configured as “contact”, for example for a magnetic contact on a door or infrared, but it can be configured also to connect a detector for rolling shutter.

How to set the auxiliary input for the contact

1. Disarm the system.
2. Set the keypad rotary switch to “F”.
3. Press twice the button “**OK**” of the keypad; a confirmation beep is generated.
4. Set again the keypad rotary switch to its previous address (position “0”, “1”, “2” or “3”).

How to set the auxiliary input for rolling shutter detector

1. Disarm the system.
2. Set the keypad rotary switch to “F”.
3. Press twice the button “**X**” of the keypad; a confirmation beep is generated.
4. Set again the keypad rotary switch to its previous address (position “0”, “1”, “2” or “3”).

TECHNICAL CHARACTERISTICS

Operating voltage:	**10,5 ÷ 15V⎓**
Current consumption (@12V):	
In standby (inputs closed, LED and backlight off):	**20mA**
Maximum (inputs open, LED and backlight on):	**100mA**
Operating temperature range declared by the constructor:	**-5 ÷ +45°C, relative humidity 95% @ 45°C**
Certified operating temperature:	**+5 ÷ +40°C**
Storage temperature range:	**-20 ÷ +70°C**
Protection degree:	**IP40**
Max. dimensions (h x l x d):	**91 x 125 x 34mm**
Weight:	**200g**

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