HILTRON security

XM22K

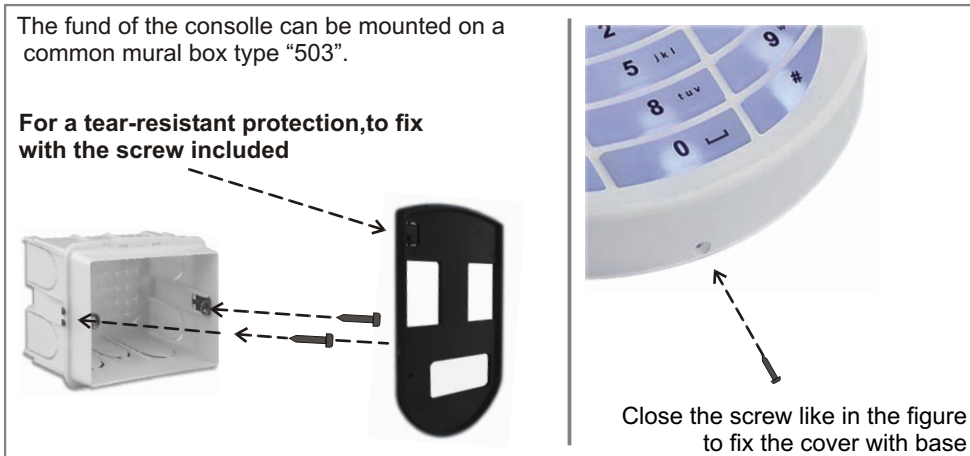## Console XM with key KEY

- **Alphanumeric LCD display LCD backlit(2x16 caracters)**
- **Protection tamper anti opening and tear-resistant**
- **Color white**
- **Input programmables 1**
- **Reader for proximity key integrated**
- **Buzzer**
- **Power Supply 12Vcc ±5%**
- **LED signalisation**
- **Degree case protection IP40**
- **Logic output of collector opened 30mA max. 1**
- **Exterior case ABS**
- **Degree security 1**
- **Environmental Class 2**
- **Dimensions (LxAxP) 107x141x25mm**
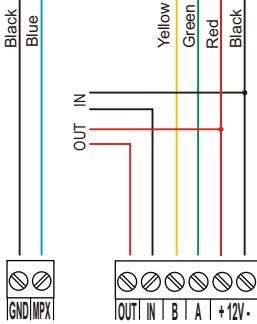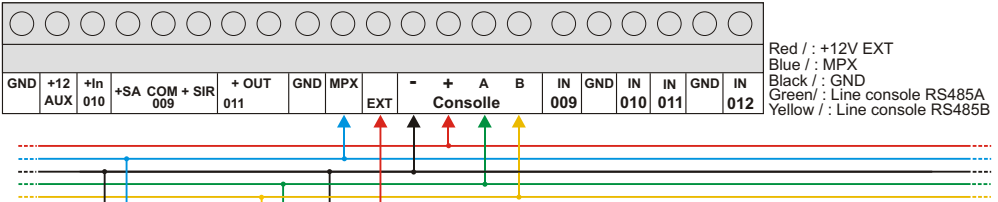- **Complies with standards CEI EN 50131-1**

Installation
- Don't install the console in places exposed at extreme temperatures or bad weather.
- To fix the consolat a height that let an easy access to the frontal panel.
- For a solide and accurate fixing ,it's essential make sure that the supporting surface is plain.

NOTES: The console are protected against tampering, but the installation in a protected local and eventually in the covering zoneof a volumetric detector is a supplementary protection.

The fund of the consolle can be mounted on a common mural box type "503".

For a tear-resistant protection,to fix with the screw included

Close the screw like in the figure to fix the cover with base

CENTRALE SERIE XM

| GND | +12 AUX | +In 010 | +SA COM + SIR 009 | + OUT 011 | GND | MPX | - + A B | | IN 009 | GND | IN 010 | IN 011 | GND | IN 012 |

EXT | Consolle

Red / : +12V EXT
Blue / : MPX
Black / : GND
Green/ : Line console RS485A
Yellow / : Line console RS485B

XM22K

Cable Console (Type 04)
The console is equipped with :
- An input (with reference to negative 12V) programmable like in the table "PARAMETERS" that is added to those in the central unit.
- An output to opened collector (with reference to positive 12V) programmable.

☞ *NOTES: The positive '+' and the negative '-' on the terminal block 'Console' of the central unit are electrically the same '+ EXT and 'GND' that feed multiplexer line*

Key reader XM22K (Type 08)
The console XM22K is composed of a proximity key reader :
- For use it it's necessary to connect also the blue cable on the Multiplexer line.
- To recognise and to programm the proximity reader to reference to paragraph **6.5 Programming Zone** of manual "INSTALLATION AND SETUP" SerieXM

Programming console

To change the language of the console:

- when it's on for the first time ,use the bottons ▲ and ▼ for to choose the language indicated the display

- Pressthe button ↵ to confirm

To visualize and/or to modify the language selected to remove and then turn on the console, the to press 4 times 0 ; in30 seconds

☞ *NOTES:* if the console isn't connected to the multiplexer line the change of the language *it's always possible,typing 4 times 4 the button* 0

ID Configuration

Every console standard has the ID setted to "01". To install more console on the multiplexer line it's necessary to assign different ID (until 8 ID).

To change ID of the console :

- To give power to console

- Hold down ✱ for 5 seconds; is visualized the current ID

- Use the bottons ▲   and ▼ to chose the ID

- To press ↵ to confirm

☞ *NOTES:* If the console isn't connected to the data line *(AB) the change of ID is always possible.*

☞ *NOTES*: if connect the positive *'+' and negative '-' of the console on a battery is possible to read the voltage of this last one. One time connected the console to the multiplexer line, the information obtained is sent to the central unit in order to be read it by others consoles.*

Functioning LED

On the console XM22K two LED indicate normally the status of inserter inside. If is pressed an any botton two LED indicate,instead, the status of the console for 5 seconds.

NOTES :If install the console on central units that managemore of one installation, LED will signal the status of inserter. It's possibile to associate both the console, that the reader integrated at the same installation.

Backlight Display

Tapyng the button 1 for about 3 seconds, the backlights of display are off contemporary of keyboard and the logo.

Taping instead the button   9 LED signalisation of the status of installation are off.

For riactivate the normal functioning it's necessary to press the button 7 for about 3 seconds.

With the console off , acting on any button of backlight is riactivated for about 20 seconds allowing the use of the same.
SIGNALISATION POWER SUPPLY ERROR.

Disable 24h

In case of disable of 24h, the flashing occur only on the console of addresse "1".

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Console Table XM22K (Type 04)
The following table shows what are the main functions of Type 04

PARAMETERS	
01	ENABLING
02	DESCRIPTION
03	SERIAL
04	STATUS MPX
05	ERROR LINK MPX
06	TAMPER / INPUT 24H
07	POLAR. NA/NC
08	TYPELOG/BAL
09	MANIP . LINE
10	UNUSED
11	SENSIBILITY 1 TO 8
12	NUM. IMPULS 1 TO 4
13	NUM. IMPULS 1 TO 8
14	FUNCTION . LED
15	INSTALLATION
16	AREA
17	FUNCTION
18	COMMAND INSTALLAT.
19	COMMANDE MODE
20	COMMANDE LEVEL
21	HOLDUP
22	GONG IM .
23	GONG RIT
24	INVERS. COMMANDE
25	OUTPUT TYPE
26	START IMPULSE (ST/EV)
27	OUTPUT ON BAD MPX
28	LED
29	LOGIC OUTPUT
30	MES. COMMON. DIGIT.
31	ECHO OUTPUT

FUNCTION	
00	NO ONE
01	DISCONNECTION
02	CONNECTION
03	CONN. / DISCONN.
04	CONNEC. SILENT
05	CONN. SIL. / DISC .
06	STOP HOLDUP
07	STOP ALARM
08	ZONE IMMEDIATE
09	ZONE DELAYED
10	24H

Table reader console XM22K (Type 08)
The following table shows which are the main functions of Type 08

PARAMETERS	
01	ENABLING
02	DESCRIPTION
03	SERIAL
04	STATUS MPX
05	ERROR LINK MPX
06	TAMPER / INPUT 24H
07	POLAR. NA/NC
08	TYPELOG/BAL
09	MANIP . LINE
10	
11	SENSIBILITY 1 TO 8
12	NUM. IMPULS OF 1 TO 4
13	NUM. IMPULS OF 1 TO 8
14	FUNCTION . LED
15	INSTALLATION
16	AREA
17	FUNCTION
18	INSTALL. COMMAND
19	COMMAND MODE
20	COMMAND LEVEL
21	
22	GONG IMM.
23	GONG RIT
24	INVERSE OUTPUT
25	TYPE OUTPUT
26	TIMER IMPULSE (ST/EV)
27	OUTPUT ON BAD MPX
28	LED
29	LOGIC OUTPUT
30	MESS.COMMUN.DIGIT.
31	ECHO OUTPUT

FUNCTION	
00	NO ONE
01	DISCONNECTION
02	CONNECTION
03	CONN . / DISCONN .
04	CONN . SILENT
05	CONN . SIL. / DISC .
06	STOP HOLDUP
07	STOP ALARM
08	ZONE IMMEDIATE
09	ZONE DELAYED
10	24H