

C8 Satellite

Satellite board for lines with single or double balancing, directly connected with four conductors to the serial port of the control unit. They can be fully programmed at the keypad of the same control panel or at a remote station with a computer on which the dedicated program has been installed

Technical Features

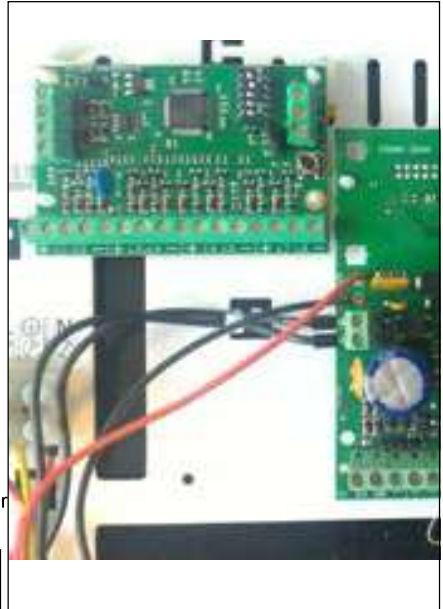
Input zones and/or Open Collector Outputs	<ul style="list-style-type: none"> Terminals from L1 to L8 can be configured both as zone inputs with single balancing (alarm only) or double balancing (alarm and tamper), and as Open Collector outputs with reference to negative; or both configurations at the same time (the line input is directly unbalanced by activating the relative O.C.). The zones can be programmed separately in one of the possible operating modes that the control panel can manage.
Programming	<ul style="list-style-type: none"> At the keyboard with guided menus on backlit display. At the computer, with the dedicated program.
Connections:	<ul style="list-style-type: none"> With four conductors.
Dimensions of board:	<ul style="list-style-type: none"> (L x H x D) 81 x 53 x 24 mm.
Weight	<ul style="list-style-type: none"> 0,05 Kg
Box:	<ul style="list-style-type: none"> Box Control Panel Capture and Capture M
Environmental class:	<ul style="list-style-type: none"> Class 2
Voltage:	<ul style="list-style-type: none"> Rated supply: 10.5 V — 15 V—
Accessories	<ul style="list-style-type: none"> XMR2: interface board with 2 relays, MR4: interface board with 4 relays, MR8: interface board with 8 relays
Absorption	<ul style="list-style-type: none"> 38 mA
Standard compliances	<ul style="list-style-type: none"> EN 50131-1, EN 50131-3
Security Grade	<ul style="list-style-type: none"> 2



Supplying must come from a very low security-tension circuit featuring a limited-power source protected by fuse



For the connection with anti-theft cables, with the exception of that for the Control Panel, the shield of each cable must be only connected to the negative of Satellite.



Satellite board

Terminal block	
+ DA DB -	<ul style="list-style-type: none"> + and - : Board power supply DA e DB: RS485 serial, to be connected to the serial port of the control panel
+ L1 L2 - + L7 L8 -	<ul style="list-style-type: none"> + and - : Power supply outputs protected with auto-resetting fuse (max 450 mA at 25°C total) L1...L8: Input and/or output terminals
T T -	<ul style="list-style-type: none"> Tamper management (see Tamper chapter)
Dip Switch	
1-2-3-4	<ul style="list-style-type: none"> Addressing the satellite. See related table
5	<ul style="list-style-type: none"> Not used
Jumper	
S1	<ul style="list-style-type: none"> Tamper management (see Tamper chapter)
Led	
Flashing Light	<ul style="list-style-type: none"> communication with control unit disabled
Steady Light	<ul style="list-style-type: none"> regular operation

Tamper

Both the TAMPER button on the board and any external tampering contact can be managed separately. If both are used, only one signal will reach the control unit.

External TAMPER between TO and - (negative)

with this link is announced the opening of External TAMPER that the TAMPER BUTTON on the board

Jumper S1 in position 1 - 2

External TAMPER between TI and - (negative)

with this connection is indicated only opening EXTERNAL TAMPER

Jumper S1 in position 1 - 2

Bridge between TO and - (negative)

with this connection is indicated only the opening of EXTERNAL TAMPER BUTTON on the board

Jumper S1 in position 1 - 2

Tamper Excluded

no connections are necessary between terminals TO and / or TI, and the negative

Jumper S1 in position 2 - 3

Notes:

- The satellite boards can be connected in parallel to the same RS485 serial port and can be of different models, provided that they have different addresses (see "Addressing satellites").
- Shielded cables with a 0,5 mm² section each are recommended only for connecting the terminals of the DA and DB serial communication. The section of the power supply cables (+ and -) of the devices connected to the serial port must be sized according to the type of system, based on the installer's experience
- The connecting cable can measure a total of 600 m and must be divided for all the devices connected to the same RS485 serial port (satellite boards, keypads, etc.)