Devices - TECHNICAL CHARACTERISTICS

Contacts interface 12 V

The contact interface is the device used to connect the burglar alarm system to the normally closed magnetic alarm contacts, electromechanical wire contacts to protect roller blinds and gates, and impact sensors to protect window or glass frames. In addition, if a generic detector (gas detector, etc.) is connected to one of its inputs, it may be used to generate a technical alarm. The interface 12 V enables the connection with all type of detectors have to be supplied.

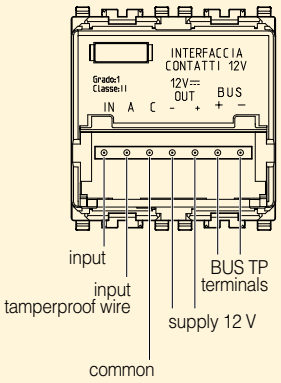
Technical specifications

- rated voltage (Vn): BUS 20-30 V d.c.
- protection degree: IP30
- operating temperature: -5 ÷ +45 °C (for indoor)
- installation: flush or surface mounting (with 09975...)
- protection type: against opening and removal, with built-in optic tamperproof device
- absorption: 15 mA + if connected 12 V absorption
- output: 12 V d.c. - 10% (11 V d.c. type, 10 mA) (short-circuit protection)
- possibility of programnming the type of input
- possibility of programming the interface activation delay
- possibility of programming the sensitivity of the sensor and tamperproof system
- possibility of programming the zone to control through the control unit
- configuration button
- LED di segnalazione

Conformity to Standards

EMC Directive,
EN 50130-4, EN 61000-6-3 Standards

Connections



Radiofrequency interface

The radiofrequency interface enables use of radiofrequency devices to expand coverage to such areas and entrances as cannot be reached using BUS cables and devices. It also allows use of radiofrequency remote control as a key to activate/deactivate the system. The device activates/deactivates the system (either completely or in specific areas) on reception of the code transmitted by remote controls.

Technical specifications

- rated voltage (Vn): BUS 20-30 V d.c.
- protection degree: IP30
- operating temperature: -5 - +45 °C (for indoor)
- installation: flush or surface mounting (with 09975...)
- protection type: against opening and removal, with built-in optic tamperproof device
- absorption: 15 mA
- BUS connection terminals (**+** and **-**)
- switching on and off of the system through remote control with 1000 bilions possible combinations
- max number of storing radiofrequency devices: 40
- max number of radiofrequency interface in a system: 8

Radiofrequency remote control

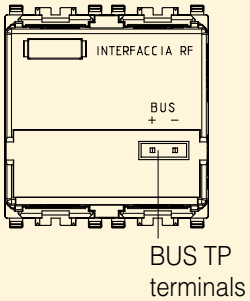
The remote control has 4 buttons which transmit 4 different commands to the radiofrequency interface. The radiofrequency interface then transmits the commands to the control unit. Transmission of the commands is confirmed through switching on of the red LED.

- DEACTIVATION button: deactivation of the whole system;
- ACTIVATION button: activation of the system (depending on the control unit area settings);
- PARTIAL ACTIVATION button: partial activation of the system (depending on the radio interface area settings);
- PANIC button: handles the panic signal;

Conformity to Standards

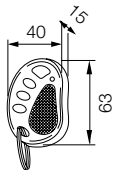
EMC Directive,
EN 50130-4, EN 61000-6-3 Standards

Connections



01818 Radiofrequency remote control, supply through 2 lithium CR1220 batteries (supplied))

01818



12 V contacts interface

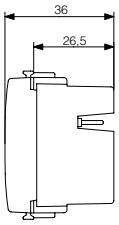
Contacts interface with configurable input and 12 V d.c. 10 mA output for supply of detectors - 2 modules

EIKON

20491
grey

20491.B
white

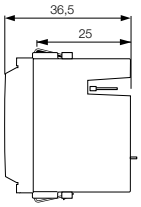
20491.N
Next



IDEA

16941
grey

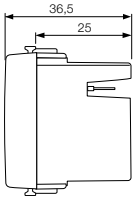
16941.B
white



PLANA

14491
white

14491.SL
Silver



Radiofrequency interface

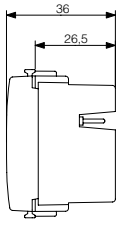
Interface for 01818 remote control and radiofrequency detectors - 2 modules

EIKON

20492
grey

20492.B
white

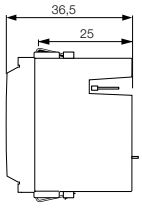
20492.N
Next



IDEA

16942
grey

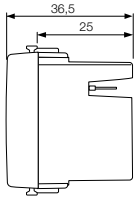
16942.B
white



PLANA

14492
white

14492.SL
Silver



Side views show the overall dimensions and the flush depth in mm
Types of mounting: Eikon, from page 106; Idea, from page 218; Plana, from page 328