



V1

Automation

for
interior
sliding doors

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**PLUG
&
PLAY**

Electromechanical automation for interior sliding doors.
Max capacity 50Kg.
The V1 main features are:

- **Easy installation.**
- **Simple adaptability to existing sliding doors.**
- **Minimal dimensions and appealing design.**

The **V1** automation system for interior sliding doors, with minimal dimensions and appealing design, has been designed to be easily installed also on existing doors.

Technical characteristics

Plug&Play:	power and self-learning operation.
Pull & Go Function:	pull gently to activate the automatic movement.
Low Energy Function:	complies with the EN16005 standard.
Power supply:	230V ~ 50Hz.
Peripheral power outputs:	5V 80mA / 24V 110mA.
Max consumption:	15W (100mA 230V).
Slow Speed Function:	slow speed to reduce the noise level (night mode).
Use:	continuous.
Opening and closing speed:	in accordance with the EN16005 standard depending on the door weight.
Door weight settings:	from 150N to 500N adjustable every 35N by the installer.
Maximum thrust force:	62N.
Door open waiting time:	adjustable from 2s to 60s.
Insulation class:	classe II.
Working temperature:	- 5°C + 50°C.
Maximum load:	500N.
Opening width:	from 700 mm up to 1000 mm by micro adjustments.
Overall dimensions:	height 59 mm - Depth 59 mm - Length 700-1000 mm adjustable.
Sensors/buttons inputs:	2 inputs.

V1 includes an on-board IR activation sensor and can be combined with the WS2 microwave sensor, the HS1 touch-sensitive button and the TS8 radio remote selector. It can be as well used together with the EB1 electric lock system by means of two HS2 gesture activation keys.

The V1 is also available in the V1E model, a basic version without receiver not compatible with the TS8 radio remote selector.

V1 can be easily installed on existing sliding doors and manages the door speed by a sophisticated electronic control with no need of safety sensors or photocells in accordance with the EN16005 standard, "Low Energy Movement" section.

The TS8 remote control selector allows to select the following functions:

Opening, Closing, Door open or closed, Slow speed mode, Entrance only mode, Exit only mode, Reset, Automatic mode.

CE marked device.

Installation steps

V1 Installation

The V1 automation system has been designed to be easily installed also on existing interior sliding doors without the need to modify the frame.



1

Verify that the minimum distance between the door wing and the frame is at least 5 mm.



2

Cut the seal brush at 60 mm from the top of the door in order to allow the rail installation.



6

Fit the automation to the side bracket.



7

Secure the 4 screws to the rail connection guide.



11

Install the safety stop.



12

Adjust the trimmer according to the door weight.



3

Install the rail on the door panel.



4

Loosen the screws for the telescopic adjustment of the automation.



5

Mount the side bracket on the door frame.



8

Adjust the automation length in order to have it parallel to the door and secure the screw to the side bracket.



9

Center the automation and secure the screws on the back of the mechanism.



10

Connect the IR sensor.



13

Plug in the automation.



14

Initialize the automation by pressing the S1 button for 7 seconds and wait until 3 cycles of opening and closing are completed.



15

Press the S2 button for 3 seconds and then any button of the remote selector to program it.

Application

The V1 automation can be useful where it is not possible or convenient to use your hands to open the door...

To go to the office carrying documents...

To go to the kitchen with your shopping bags...

To go in the living room to offer your friends a coffee...

To go to the laundry room with a load of clothes...

To go to your room and get ready for a nice evening...

...the door automatically opens and closes.

V1 Accessories

WS2



- **Microwave sensor**
External microwave activation sensor

TS8



- **8 functions radio remote selector with magnetic wall-mounting stand**
 1. Opening
 2. Closing
 3. Door lock
 4. Slow speed mode
 5. Entrance only mode
 6. Exit only mode
 7. Reset
 8. Automatic mode

HS1



- **Gesture activation key**
External gesture activation key

HS2



- **Gesture activation key**
Gesture activation key for the activation/deactivation of the EB1 electric lock

EB1



- **Electric lock for interior sliding doors**
Gesture activation key for the activation/deactivation of the EB1 electric lock.
 - Mechanical locking of the door through activation of the HS2 gesture activation key
 - Light indication of vacant/occupied visible on the HS2 gesture activation key
 - Emergency manual release of the lock (either from inside or from outside)



- **EB1 electric lock installation**



- **Manual release installation**
(included with the EB1 electric lock)



- **Installation completed**