Control device 3M

AA5223

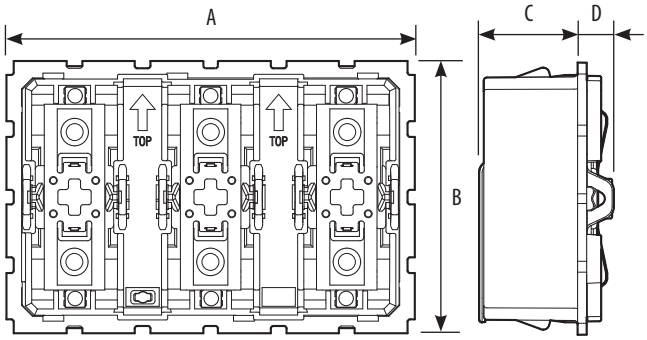
Description

Three-module flush-mounted control, capable of handling functions up to: 6 ON/OFF lights and dimmer, 3 shutter up/down and advanced features such as 6 scenario activations and VDE call to the floor functions, staircase light switch-on and lock activation.
To be completed with 1-module cover.
In case of management of groups of lights, this device can manage the return state (the logic will be inside the gateway, example: F460,...).

Technical data

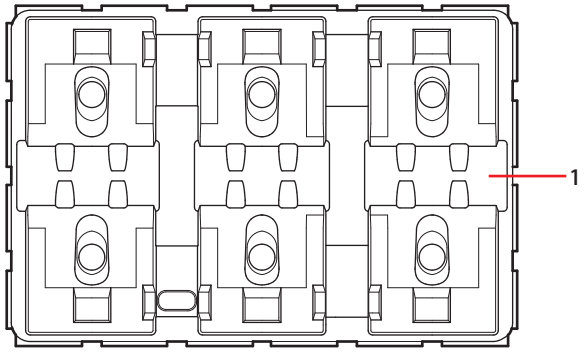
Power supply from SCS BUS:	18 – 27 Vdc
Standby absorption:	6 mA
Max. absorption:	7 mA
Operating temperature:	0 – 40 °C

Dimensional data

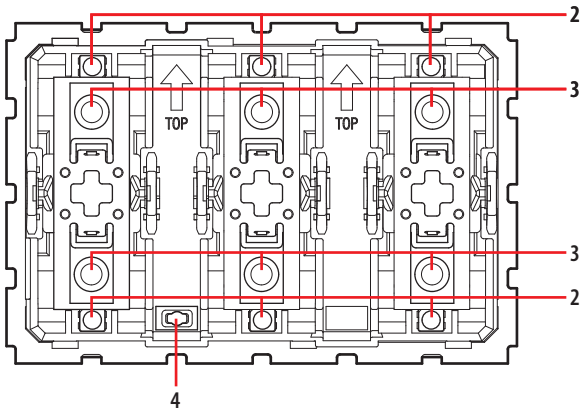


A	B	C	D
67.5 mm	45 mm	16.3 mm	6 mm

Front view



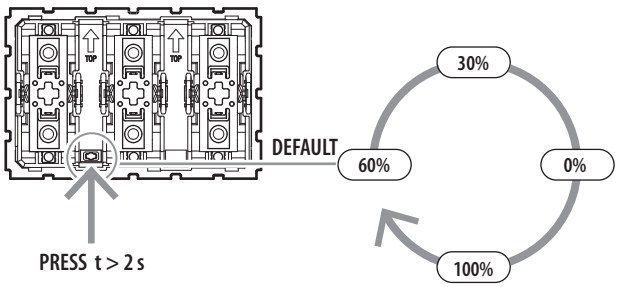
Front view without protective shell



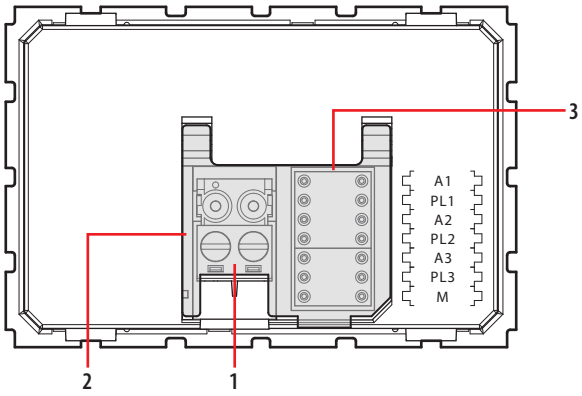
Legend

1. Protective shell
2. Status notification LED
   Purple steady = load ON
   Blue steady = load OFF
   Purple flashing = object not configured
3. Control pushbutton
4. LED pushbutton (*)

(*) With the device configured, by pressing the LED button it is possible to set whether the LEDs should always be on (maximum level, medium level or minimum level) or off.
Starting from MEDIUM LEVEL, when the pushbutton is kept pressed, every 2 seconds the LED lights will switch from MINIMUM, to OFF, to MAXIMUM, to MEDIUM level.



Rear view



Legend

1. BUS clamp
2. Safety and sealing clear cap
   Caution: do not delete
3. Configurator socket:
   A1 = room 1
   PL1 = light point 1
   A2 = room 2
   PL2 = light point 2
   A3 = room 3
   PL3 =light point 3
   M = mode

List of functions

The device create the following functions:
- Light control
- Automation control
- Plus programmed scenario activation
- Video door entry controls
- Commands only available with virtual configuration

Configuration

For device configuration and installation and for any other information, refer to the App or documentation that can be downloaded from the on-line catalogue of the device.

Download App

Home + Control **Home + Project**

The apps can be downloaded from their respective stores.
It is recommended to update the smartphone or tablet operating systems to the latest available version.

In addition, PHYSICAL CONFIGURATION will continue to be guaranteed by inserting the configurators in the appropriate housings (*).

The configuration using Home + Project, which can be downloaded from the www.homesystems-legrandgroup.com website, has the advantage of offering many more options when compared with the physical configuration.

For the list of modes and the corresponding meanings refer to the indications of this technical sheet and the Home + Project app.

(*) Physical configuration

1. Light control

1.1 Addressing

Address type		Configurators
Point-to-point	Room	A1, A2, A3=1-9
	Light point	PL1, PL2, PL3=1-9
Room		A1, A2, A3=AMB, PL1, PL2, PL3=1-9
Group		A1, A2, A3=GR, PL1, PL2, PL3=1-9
General		A1, A2, A3=GEN

1.2 Mode

1.2.1 ON/OFF control:

Function	Configurators
Cyclical	See table A

1.2.2 ON/OFF control and ADJUSTMENT (Point-to-Point only):

Function	Configurators
Cyclical ON/OFF and ADJUSTMENT. ON/OFF when pressing briefly and adjustment when holding down.	See table A
ON with upper button, OFF with lower button and DIMMER when held down	See table A

For the physical configuration, the device consists of three independent controls and has three distinct A and PL positions on the rear, which relate to the buttons on the front of the control. Starting from left to right, the three buttons correspond to command 1 (A1, PL1), command 2 (A2, PL2) and command 3 (A3, PL3). See table A.

2. Automation control

2.1 Addressing

Address type		Configurators
Point-to-point	Room	A1, A2, A3=1-9
	Light point	PL1, PL2, PL3=1-9
Room		A1, A2, A3=AMB, PL1, PL2, PL3=1-9
Group		A1, A2, A3=GR, PL1, PL2, PL3=1-9
General		A1, A2, A3=GEN

With the virtual configuration, for the room, group and general controls, you can set a light point address for the return of the load status.

2.2 Mode

Function	Configurators
Bistable control	See table A
Monostable control	See table A

Note: For the physical configuration, the device consists of three independent controls and has three distinct A and PL positions on the rear, which relate to the buttons on the front of the control. Starting from left to right, the three buttons correspond to command 1 (A1, PL1), command 2 (A2, PL2) and command 3 (A3, PL3). See table A.

3. Video door entry functions

3.1 Door lock release control

3.1.1 Addressing

Addressing type	Configurators
Entrance panel address	A=1-9 PL=1-9 [1)]

Note [1)]: Set the P address (two digits) of the entrance panel from which to control the door lock.

Type of function

Function	Configurators
Door lock release control	See table A

3.2 Floor call control

3.2.1 Addressing

Define the address (two digits) of the internal unit to be called using the control device.

Addressing type	Configurators
Internal unit address	A=1-9 PL=1-9
General	A=GEN A/PL=0

Type of function:

Function	Configurators
Floor call control	See table A

3.3 Staircase lights control

3.3.1 Addressing

The device takes on the function of pushbutton for switching on the lights of the internal unit identified by its own address (two digits).

Addressing type	Configurators
Internal unit address	A=1-9 PL=1-9

Type of function:

Function	Configurators
Staircase lights control	See table A

TABLE A - Physical configuration according to the load

Configurator M	Load 1 - A1 PL1	Load 2 - A2 PL2	Load 3 - A3 PL3
	Mode	Mode	Mode
0	Cyclical ON/OFF	Cyclical ON/OFF	Cyclical ON/OFF
1	Cyclical ON/OFF	Cyclical ON/OFF	↑↓
2	Cyclical ON/OFF	↑↓	↑↓
3	↑↓	↑↓	↑↓
4	Cyclical ON/OFF	Cyclical ON/OFF	↑↓M
5	Cyclical ON/OFF	↑↓M	↑↓M
6	↑↓M	↑↓M	↑↓M
7	Cyclical ON/OFF	Cyclical ON/OFF	Floor call
8	Cyclical ON/OFF	Door lock control	Staircase Lights
9	0/I	0/I	0/I