Special control

Description

Special control, flush-mounted with two modules, equipped with 4 buttons and a two-colour LED that can be adjusted/switched off with the button on the control. The control allows you to create both standard and special functions (timed On, scenario control, dimmer, sound system and video door entry functions).

Technical data

Power supply via SCS BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Current draw at maximum LED brightness:	6 mA for H4651M2
	7.5 mA for 067553
	8.5 mA for L4651M2
	and AM5831M2
Operating temperature:	5 – 35°C

Dimensions

Size: 2 flush-mounted modules

Configuration

If the device is installed in a My Home system it can be configured in two ways:
- PHYSICAL CONFIGURATION, inserting the configurators in position.
- Configuration via MYHOME_Suite software package, downloadable from www.homesystems-legrandgroup.com; this mode has the advantage of offering many more options than the physical configuration.
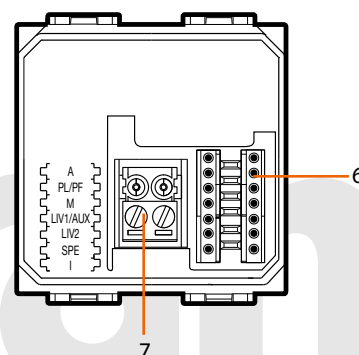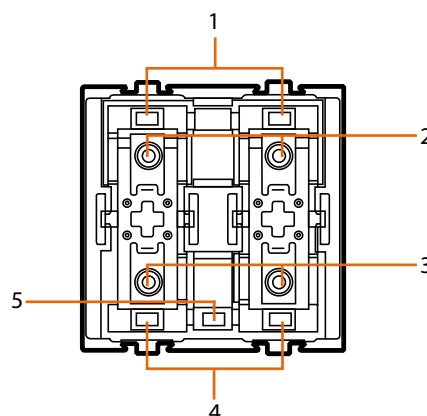For a list of the procedures and their meanings, please refer to the instructions in this sheet and to the "Function Descriptions" help section in the MYHOME_Suite software package.

List of Functions

The device performs the following functions:
1. LIGHT SWITCH
2. AUTOMATION CONTROL
3. DEVICE LOCKING/UNLOCKING
4. SCENARIO MODULE CONTROL
5. PROGRAMMED SCENARIO ACTIVATION
6. PLUS PROGRAMMED SCENARIO ACTIVATION
7. VIDEO DOOR ENTRY FUNCTIONS
8. SOUND SYSTEM CONTROL

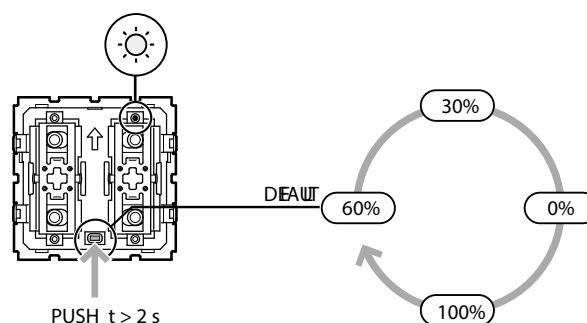See the following pages for the configuration procedures.

Legend

1. LED
2. Top buttons
3. Bottom buttons
4. LED
5. LED control/off button
6. Configurator socket (note that this must only be used in My Home systems with the physical configuration)
7. BUS

LED Adjustment   PUSH

PUSH t > 2 s

Function selection

1. Light switch

1.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9
Room		0-10	A=AMB, PL=1-9
Group		1-255	A=GR, PL=1-9
General		general	A=GEN, PL=-

Installation and destination level:
The special control can also be used in systems where there are SCS/SCS interfaces (F422). By installing the control on the BUS of an interface (installation level), you can control one or more actuators located on the BUS of another interface (destination level).

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

To configure the installation level use MYHOME_Suite virtual configuration.

1.2 Mode

1.2.1 ON/OFF control:

Virtual configuration (MYHOME_Suite)		Physical configuration
Function	**Parameter / setting**	
Cyclic		SPE=0, M=0
ON		SPE=0, M=ON
OFF		SPE=0, M=OFF
Button		SPE=0, M=PUL
ON with top button, OFF with bottom button.		SPE=0, M=0/I
Timed ON	0.5sec	SPE=0, M=8
	2sec	SPE=1, M=7
	30sec	SPE=0, M=7
	1min	SPE=0, M=1
	2min	SPE=0, M=2
	3min	SPE=0, M=3
	4min	SPE=0, M=4
	5min	SPE=0, M=5
	10min	SPE=1, M=8
	15min	SPE=0, M=6

For custom timed ON with period 0 to 255 hours use MYHOME_Suite virtual configuration.

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

Virtual configuration (MYHOME_Suite)	Physical configuration
Parameter / setting	
ON/OFF and cyclic ADJUSTMENT ON/OFF when pressing briefly and adjustment when holding down	SPE=0, M=0
ON with top button, OFF with bottom button and DIMMER when held down	SPE=0, M=0/I
ON with adjustment at 10%	SPE=3, M=1
ON with adjustment at 20%	SPE=3, M=2
ON with adjustment at 30%	SPE=3, M=3
ON with adjustment at 40%	SPE=3, M=4
ON with adjustment at 50%	SPE=3, M=5
ON with adjustment at 60%	SPE=3, M=6
ON with adjustment at 70%	SPE=3, M=7
ON with adjustment at 80%	SPE=3, M=8
ON with adjustment at 90%	SPE=3, M=9

1.2.3 ON/OFF Control and ADJUSTMENT (custom Point-to-Point only).

Virtual configuration (MYHOME_Suite)		Physical configuration		
Parameter / setting		Switch-on time (s)	Switch-on level 1 to 99%	
ON/OFF and cyclic ADJUSTMENT ON/OFF when pressing briefly and adjustment when holding down.	Soft-start and soft-stop setting from 0 to 255 seconds and switch-on level from 0 to 100%.	1		SPE=5 M=0
		2		SPE=5 M=1
		3		SPE=5 M=2
		5		SPE=5 M=3
		10	LIV1=0 – 9, LIV2=0 – 9 [1]	SPE=5 M=4
		20		SPE=5 M=5
		40		SPE=5 M=6
		60		SPE=5 M=7
		120		SPE=5 M=8
		255		SPE=5 M=9
ON with top button, OFF with bottom button and DIMMER when held down.	Soft-start and soft-stop setting from 0 to 255 seconds, switch-on level from 0 to 100%	1		SPE=9 M=0
		2		SPE=9 M=1
		3		SPE=9 M=2
		5		SPE=9 M=3
		10	LIV1=0 – 9, LIV2=0 – 9 [2]	SPE=9 M=4
		20		SPE=9 M=5
		40		SPE=9 M=6
		60		SPE=9 M=7
		120		SPE=9 M=8
		255		SPE=9 M=9

NOTE 1: Selection of fixed adjustment level from 1% to 99% via positions LIV1=0 – 9 and LIV2=0 – 9. The management is cyclic with ON at the selected level and OFF. If LIV1=LIV2=0, the control allows cyclically switching ON (at the last saved level) and OFF when pressing briefly. In the case of point-to-point controls the adjustment is made by pressing and holding down.

NOTE 2: selection of fixed adjustment level from 1% to 99% via positions LIV1=0–9 and LIV2=0–9. The control is ON at the selected level with the top button and OFF with the bottom button. If LIV1=LIV2=0, the control allows switching ON (at the last saved level) by briefly pressing the top button and OFF with the bottom button; only in the case of point-to-point controls will pressing and holding down enable making the adjustment (upwards with the top button and downwards with the bottom button) on 100 levels.

1.2.4 Blink command

When an actuator receives a blink command, it implements it by closing and opening the relay for a time equal to T that can be configured as shown in the table.

Combine it with a command configured OFF to switch it off.

Virtual configuration (MYHOME_Suite)	Physical configuration
Parameter / setting	
Blink 0.5 s	SPE=2, M=0
Blink 1 s	SPE=2, M=1
Blink 1.5 s	SPE=2, M=2
Blink 2 s	SPE=2, M=3
Blink 2.5 s	SPE=2, M=4
Blink 3 s	SPE=2, M=5
Blink 3.5 s	SPE=2, M=6
Blink 4 s	SPE=2, M=7
Blink 4.5 s	SPE=2, M=8
Blink 5 s	SPE=2, M=9

For blinking with a period of from 5.5 to 8 seconds, use MYHOME_Suite virtual configuration

2. Automation control

2.1 Addressing

Address type		Virtual configuration (MYHOME_Suite)	Physical configuration
Point-to-point	Room	0-10	A=1-9
	Lighting point	0-15	PL=1-9
Room		0-10	A=AMB, PL=1-9
Group		1-255	A=GR, PL=1-9
General		general	A=GEN, PL=-

Installation and destination level:

The special control can also be used in systems where there are SCS/SCS interfaces (F422). By installing the control on the BUS of an interface (installation level), you can control one or more actuators located on the BUS of another interface (destination level).

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

To configure the installation level use MYHOME_Suite virtual configuration.

2.2 Mode

Virtual configuration (MYHOME_Suite)	Physical configuration
Parameter / setting	
Bistable control	SPE=0 M=↑↓
Monostable control	SPE=0 M=↑↓M