

Rolling shutter management control

067558 H4660M2
AM5860M2 LN4660M2

Use

Two-module flush-mounted lowered control with 3 pushbuttons and 3 two-colour LEDs designed to be used ONLY with advanced actuators (flush mounted or DIN module) specifically intended for rolling shutter management.

Preset function:

In addition to the Monostable and Bistable UP/DOWN operating modes, by pressing the STOP pushbutton the control gives the possibility of moving the shutter to a specific position (Preset) saved by the actuator. IT is also possible to set a different position as required by the user.

The function can only be set with the configuration of "control-actuator" addresses of the Point-Point type, or with Room, Group, and General controls, after configuring the reference actuator (position Ar and PLr). For more details see the Configuration chapter on the following page.

Related items

Actuator item F401, H/LN4661M2 and AM5861M2

Technical data

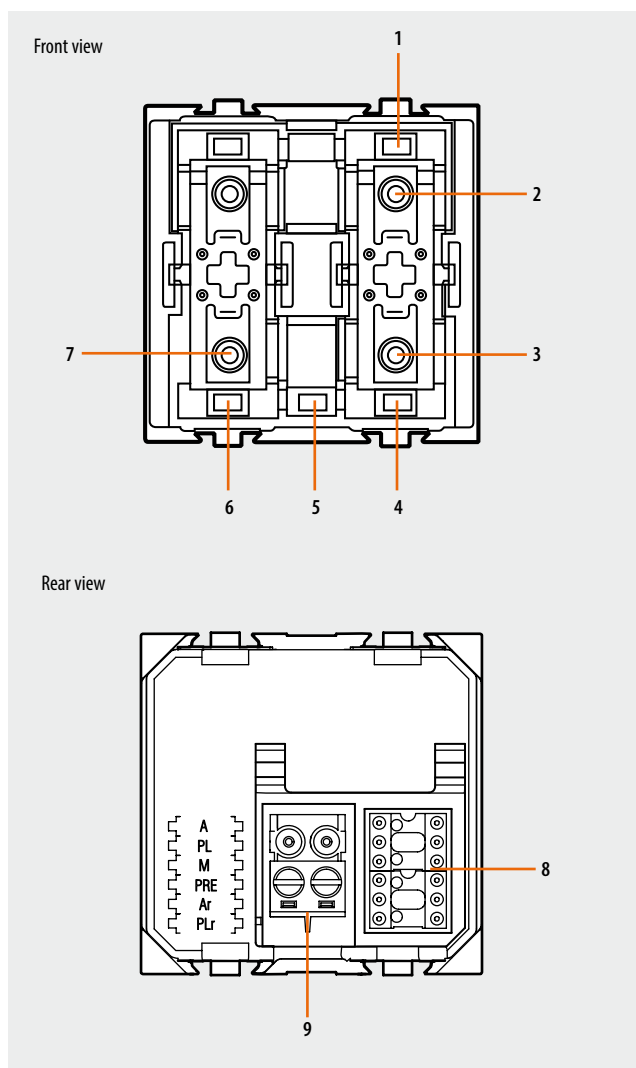
Power supply from BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Power consumption on standby:	7 mA max
Operating temperature:	0 – 40°C

Standards, Certifications, and Marks

- EN50090-2-2: Home and building electronic systems (HBES);
- EN50090-2-3: General functional safety requirements for products intended to be integrated in HBES;
- EN50428: Switches and related accessories for use in home and building electronic systems (HBES).

Dimensional data

Size: 2 flush mounted modules



Legend

1. UP LED: orange (green + red) or purple (red + blue) when the shutter is moving up. Green or blue when the shutter is still or moving down;
2. UP SHUTTER PUSHBUTTON;
3. DOWN SHUTTER PUSHBUTTON;
4. DOWN LED: orange (green + red) or purple (red + blue) when the shutter is moving down. Green or blue when the shutter is still or moving up;
5. Push&Learn configuration pushbutton and LED brightness adjustment (see page 2);
6. Preset LED: ON orange (green + red) or purple (red + blue), when the shutter is moving to the saved position (Preset). Flashing during the virtual configuration;
7. STOP button: Press when the shutter is still, to move it to the Preset position. Press when the shutter is moving, to stop it at the current position;
8. Configurator socket;
9. BUS cable clamp.

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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.

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

1.2 Definition of the reference actuator for updating the control status

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
	Room	0-10	Ar=1-9
	Lighting point	0-15	PLr=1-9

NOTE: Ar and PLr = configure these two positions only when needing to manage several actuators with a General, Room or Group type control. The Ar and PLr positions correspond to the address of the reference actuator for control status update.

Function		Virtual configuration (MYHOME_Suite)	Physical configuration
Installation level	Local bus	1-15	not configurable
	Riser bus	riser	not configurable
	Standard	standard	not configurable
Destination level	Local bus	1-15	I= 1-9
	Riser bus	riser	I=CEN
	Complete system	entire system	I=0

1.3 Mode

	Virtual configuration (MYHOME_Suite)	Physical configuration
	Parameter / setting	
	Bistable control	M= ↑↓
	Monostable control	M= ↑↓M
	Lath control and bistable control ¹⁾	M=1
	Bistable control and lath control ²⁾	M=2

NOTE 1): Bistable mode when pressed for longer than 1.5 s.

NOTE 2): Lath control when pressed for longer than 1.5 s.

1.3 Selecting the Preset position

Virtual configuration (MYHOME_Suite)		Physical configuration
Function	Parameter / setting	
Rolling shutter opening 10%	1	Pre=1
Rolling shutter opening 20%	2	Pre=2
Rolling shutter opening 30%	3	Pre=3
Rolling shutter opening 40%	4	Pre=4
Rolling shutter opening 50%	5	Pre=5
Rolling shutter opening 60%	6	Pre=6
Rolling shutter opening 70%	7	Pre=7
Rolling shutter opening 80%	8	Pre=8
Rolling shutter opening 90%	9	Pre=9

Operating mode for pulse motors with a 3rd limit switch.

After inserting the configurators 2 in the Type socket and 9 in the Pre position of the device, when the STOP pushbutton of the control is pressed while the shutter is still, the shutter will move to the position of the 3rd limit switch. If there is no Configurator, the "Preset" function is not active.

G1 = defines the 1 to 9 group of actuators it belongs to.

Saving the rolling shutter position (preset)

Irrespective of the device configuration mode used, it is possible to change the Preset position based on the needs of the user. The procedure is as follows:

1. Use the control device, or the flush mounted actuator, to move the shutter to the desired position.
2. Press the STOP pushbutton for at least 10 seconds. The actuator assigned to the control saves the position of the shutter.
3. To confirm that the position has been saved correctly, the two LEDs, UP and DOWN, come on orange (green + red) or purple (red + blue) for 2 seconds.

Irrespective of the shutter position, once this has been stopped by pressing the STOP pushbutton, it will be possible to move it to the preset position.

LED ADJUSTMENT

1. Press the configuration pushbutton for at least 2 seconds.
2. Hold down the pushbutton; the brightness of the LED will change every 2 seconds as shown in the drawing.
3. Once the desired brightness level has been reached, release the pushbutton.

