

Product technical sheets

> **SCS BUS system**





Scenario module

035 51

FOLLOWS >

Description

This device allows you to manage scenarios for Automation, Sound system and Temperature Control systems which have been created, modified and activated from different devices of the Automation system.

Up to 16 scenarios may be saved in the scenario module, with up to 100 controls each. The scenarios can also give door entry and Video door entry controls for one-family systems to switch on the staircase lights and open the door lock.

When installed in extended systems with interface 035 62 in logic expansion, the module will be able to save automation controls for the system it belongs to

On the front of the device are two keys and two LEDs; the first key (padlock), is used to lock and unlock programming mode, avoiding any unwanted operations, such as the deleting of scenarios. The corresponding LED indicates its status: green, programming allowed; red, programming locked; orange, temporary lock

The second key (DEL) deletes all scenarios. The corresponding LED confirms the deletion, or that the device is performing the self-learning procedure.

Technical data

Power supply from SCS BUS: 18 – 27 Vdc
 Consumption : 20 mA
 Operating temperature: 0 – 40 °C

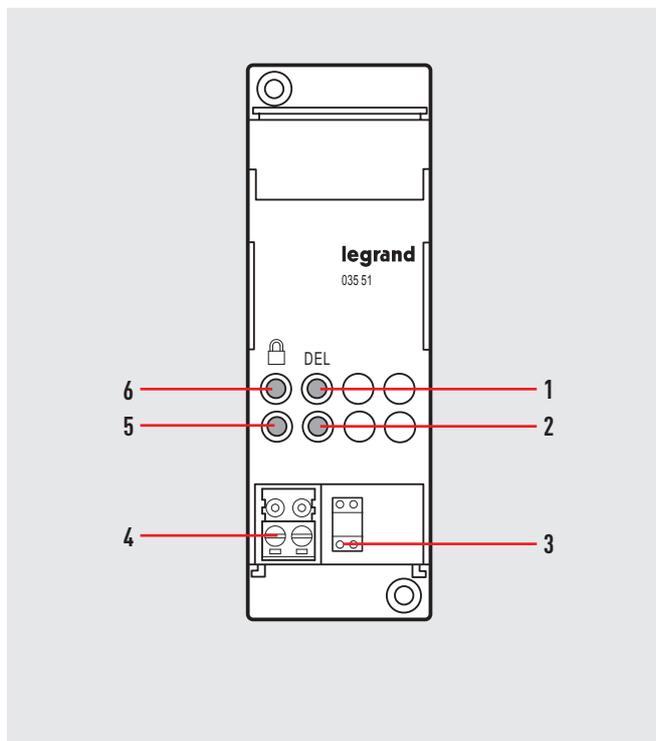
Dimensional data

Size: 6 DIN modules

Configuration

⊙	⊙
A	PL
⊙	⊙

The combination of the scenario module with a control device is ensured by assigning to both items the same address. This is identified by the configurators with a numeric value for position A = 0 and position PL = 1 – 9. When using a Touch Screen, the address of the scenario module must be specified during programming, using the Touch Screen software. Several scenario modules may be installed in one system, allocating a different address to each module (max. 99).



Legend

1. Scenario reset pushbutton
2. Scenarios/learning reset LED
3. Configurator housing
4. BUS
5. Programming status LED
6. Lock/unlock programming pushbutton

< PREVIOUS

Scenario Programming

In order to program, change or cancel a scenario, it is necessary to enable the programming mode of the Module 035 51 so that the status LED is green (use the lock/unlock key on the Scenario Module for at least 0.5 seconds). At this point continue with the following operations:

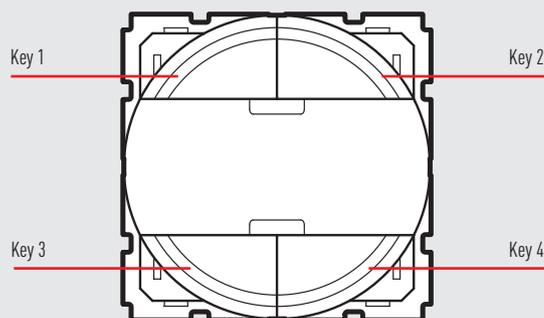
- 1) Press for 3 seconds one of the four keys of the special control the scenario must be associated to. The corresponding LED starts flashing.
- 2) Set the scenario using the corresponding controls for the various Automation, Temperature control, Sound system, etc. functions.
- 3) Confirm the scenario by quickly pressing the corresponding key on the special control to exit programming mode.
- 4) To change a scenario or create new ones to combine with other keys, repeat the procedure starting from 1.

To call a set scenario just press its pushbutton on the control quickly

If the module does not receive any input for 30 minutes from the start of the learning procedure, programming will automatically be interrupted. To cancel a scenario completely, keep the corresponding pushbutton pressed for about ten seconds.

To cancel the entire memory keep the DEL pushbutton on the Scenario module pressed for 10 seconds, the yellow "reset scenarios" LED flashes quickly. Once the operations have been performed lock the programming, pressing the lock/unlock pushbutton for at least 0.5 seconds, so that the corresponding LED becomes red.

Keys to manage the scenarios



NOTE: The picture is provided as a reference only, the position of the keys is the same for all Legrand house automation series.

NOTES: Inside the system itself one Scenario module can be programmed at once as the other devices are temporarily locked; during this phase the "programming status" LED becomes orange signalling the temporary Lock. During the learning phase and when there are timed controls or group controls, the Scenario module does not save events for 20 seconds respectively. You must thus wait before continuing with creating the scenario. During the scenario learning phase only the changes of status are saved. The Scenario module should be configured with a different A and PL address from that of an actuator. Use A=0 and PL=1 to 9, which cannot be used by actuators. If the configuration is wrong the programming status LED flashes ORANGE. If the configuration is "virtual" the LED flashes RED.



Power supply 230 V

035 67

Description

The power supply unit can be used to power Automation and Thermoregulation systems. Its output supplies a continuous 27 Vdc low voltage supply with 600 mA maximum current, and is protected from short circuit and overload by a built-in fuse (non replaceable).

It's a double insulation safety device in accordance with CEI EN60065 standards, and therefore comparable to a SELV source as described in paragraph 411.1.2.5 of CEI 64-8-4 standard. The power supply is inside a 2 module DIN rail container, and its installation must be in accordance with the current regulations of the country of use. As a general rule, the following must be complied with:

- The power supply must always be installed inside appropriate containers
- It must not be subjected to water drips or sprays
- The air circulation holes must not be obstructed
- A double-pole switch must be used, with 3mm min. contact separation, installed in the proximity of the power supply. The switch is needed to disconnect the power supply unit from the power supply network, and to protect it.

The device does NOT need configuring.

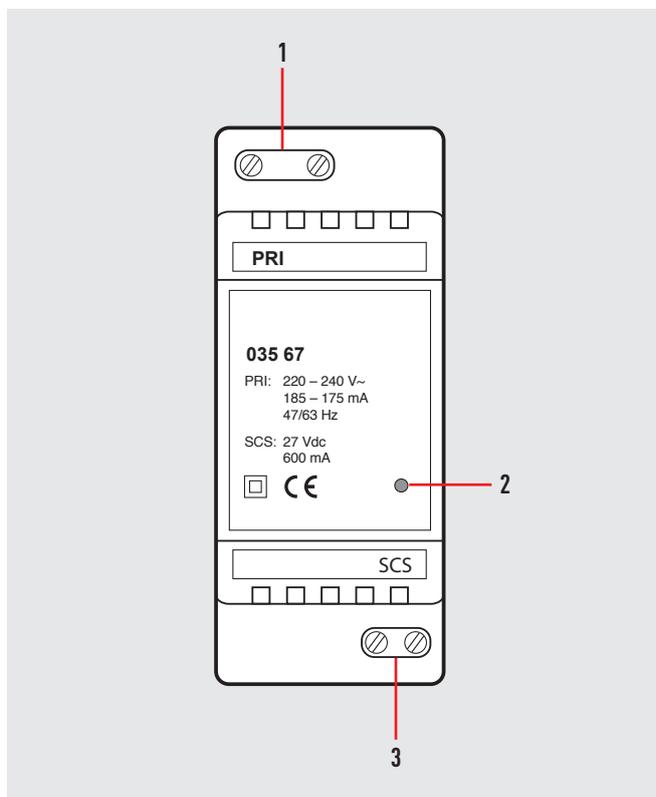
Technical data

PRI (AC power supply input)

- Rated voltage: 220 – 240 V
- Rated current: 185 – 175 mA
- Operating voltage range: 187 – 265 V
- Operating frequency range: 47 – 63 Hz
- Input power at full load: 21,5 W max
- Dissipated power: 5,3 W max
- Full load performance: 80% typ.
- Stand by power: minore di 1 W
- Operating temperature: 5 – 40 °C
- Built-in fuse (PRI side): F1 T2A 250V (NON REPLACEABLE)

SCS

- Rated voltage: 27 V +/- 100 mV
- Rated current: 0 – 0.6 A
- Rated power: 16,2 W



Legend

1. Clamp (PRI) for the connection of the power supply voltage
2. LED: – green (power supply on)
– red (output current overload)
3. Clamps (SCS) for SCS BUS connection



1-relay DIN actuator 16 A

038 41

FOLLOWS >

Description

Actuator for installation in DIN rail distribution boards or switchboards. This device incorporates a two-way relay and a local load control pushbutton. In the configurator housing the device shows the positions G1, G2 and G3, which make it possible for up to 3 separate groups to be associated to the actuator.

Technical data

Power supply from SCS BUS: 18 – 27 Vdc
 Consumption: 22 mA

Power/Absorption of driven loads:

- incandescent lamps: 2300 W @ 10 A
- resistive loads: 3500 W @ 16 A
- fluorescent lamps: 1000W @ 4 A
- electronic transformers: 1000 W @ 4 A
- ferromagnetic transformers: 1000 VA @ 4 A cos φ 0.5

Power consumption with max. load: 1.5 W¹⁾

NOTE:

1) the power dissipated indicated is that corresponding to the device with all the relays loaded at the load maximum.

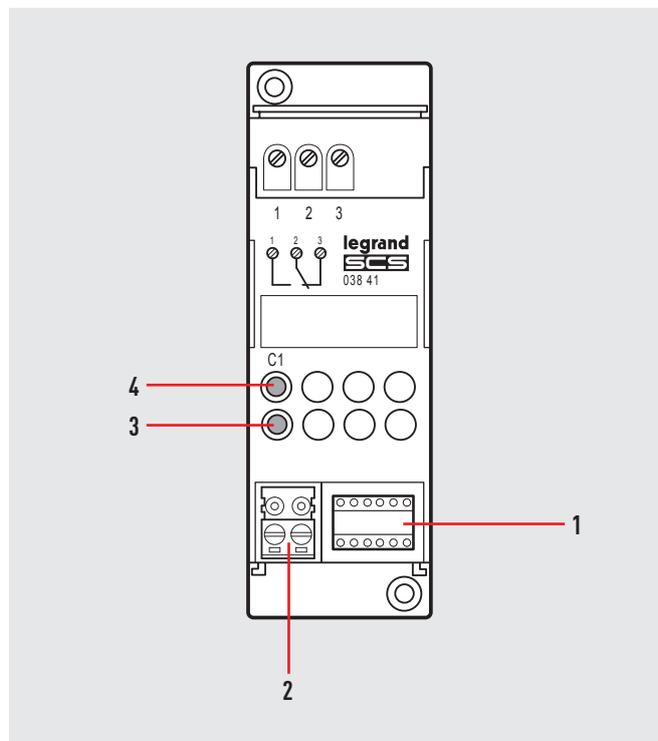
If the load is less the dissipated power is less and may be calculated by means of the following formula:

$$P[\text{mW}] = 140 + 400 * N + 10 * [I12 + I22 + \dots + IN2]$$

P: dissipated power in mW, N: no. of loaded relays, IN: load current corresponding to the N relay.

Dimensional data

Size: 2 DIN modules

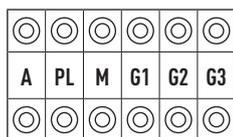


Legend

1. Configurator housing
2. BUS
3. LED
4. Pushbutton

< PREVIOUS

Configuration



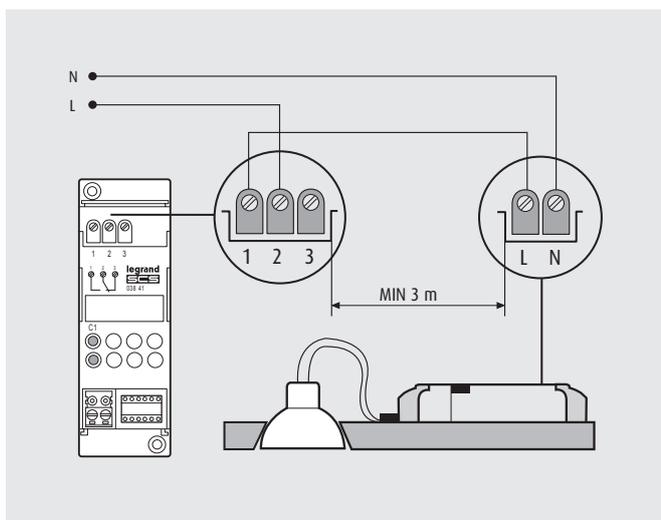
The actuator performs all the basic modes of operation which can be configured directly on the control, apart from those which require the use of 2 interlocked relays. Moreover further operating modes with the configurator in position M of the same actuator are listed in the table below.

Possible function	Configurator in M
Ignores the Room and General controls	PUL
The actuator as Slave. Receives a control sent by a Master actuator which has the same address	SLA
Master actuator with delayed Off control on the corresponding Slave actuator. With point-point type controls only, the Master actuator can be disabled using the Off control; the Slave actuator is disabled after the time set using configurators1 has elapsed ¹⁾	1 – 4 ¹⁾

1) Typical function for use in bathrooms without windows where the ON control activates the light (Master actuator) and the ventilation fan (Slave actuator) at the same time. The OFF control switches the light off immediately and leaves the fan working for the time set with configurator 1 to 4 in M of the Master actuator as indicated in the table.

Configurator	Time (minutes)
1	1
2	2
3	3
4	4

Example of connection





2 relays DIN actuator 10 A

038 42

FOLLOWS >

Description

Actuator for installation in DIN rail distribution boards or switchboards. This device incorporates two independent relays for the activation of 2 loads, and includes local control pushbuttons for each individual load.

If the PL1 and PL2 positions have the same configurator, the devices interlocks the two relays to which rolling shutter motors, curtain motors etc. may be connected.

Technical data

Power supply from SCS BUS: 18 – 27 Vdc
 Consumption: 28 mA (single loads), 15.5 mA (interlock)

Power/Absorption of driven loads:

- incandescent lamps:	1400 W @ 6 A
- resistive loads:	2300 W @ 10 A
- fluorescent lamps:	250 W @ 1 A
- electronic transformers:	250 W @ 1 A
- ferromagnetic transformers:	500 VA @ 2 A cos φ 0.5
- motor reducer for rolling shutters:	500 W @ 2 A
Power consumption with max. load:	1.7 W ¹⁾

NOTE:

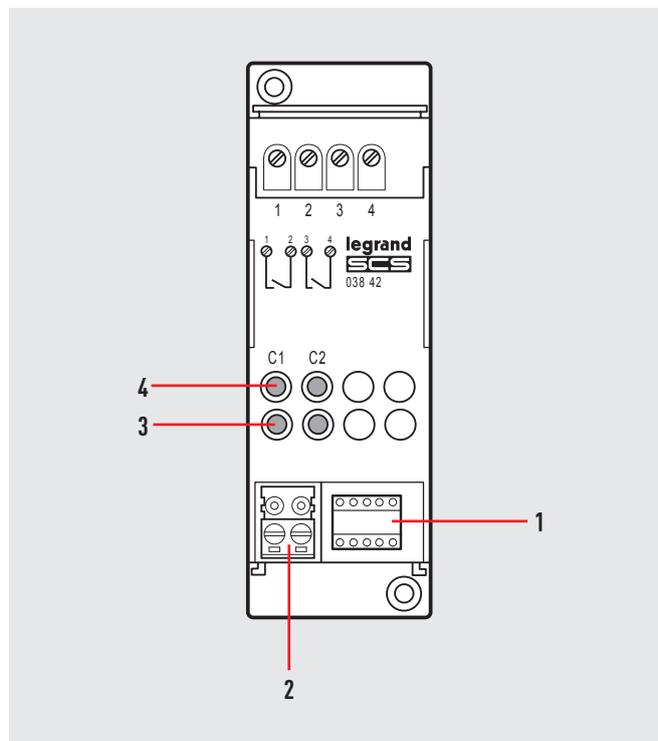
1) the power dissipated indicated is that corresponding to the device with all the relays loaded at the load maximum.

If the load is less the dissipated power is less and may be calculated by means of the following formula: $P[mW]=140+400*N+10*[I1^2+I2^2+...IN^2]$

P: dissipated power in mW, N: no. of loaded relays, IN: load current corresponding to the N relay.

Dimensional data

Size: 2 DIN modules

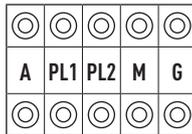


Legend

1. Configurator housing
2. BUS
3. LED
4. Pushbutton

< PREVIOUS

Configuration



The actuator performs all the base functions. These functions may be configured directly on the control device. In addition, the following tables list the operating modes that are possible with the configurator connected to the M position of the same actuator.

Possible function	Configurator in M
Timed stop for motorised system. The actuator deactivates after the set time has elapsed. ¹⁾ This mode is only operative if LP1 = LP2 (same configurators), and therefore with two interlocked relays.	none – 9 ¹⁾
Master actuator with delayed off control on the corresponding Slave actuator. With the Off control, the actuator deactivates. The Slave actuator deactivates after the time set with the configurators has elapsed. ²⁾ This mode is only operative if PL1 = PL2.	none – 4 ²⁾
Actuator as Slave. It receives a control sent by a Master actuator with the same address	SLA
It ignores Room and General controls	PUL

1) The configurator value indicated in the table. It defines the final time, after which the actuator deactivates

Configurator	Time (minutes)
no configurator	1
1	2
2	5
3	10
4	infinite or up to next control
5	20 seconds
6	10 seconds
7	5 seconds
8	15 seconds
9	30 seconds

2) The configurator value indicated in the table defines the actual time after which the actuator will deactivate its own slave

Configurator	Time (minutes)
no configurator	0
1	1
2	2
3	3
4	4



Scenario control

672 17

672 18

FOLLOWS >

Description

The Scenario Control is a device which lets you call, create or edit scenarios saved in an Scenario Module Q35 51, simply and intuitively.

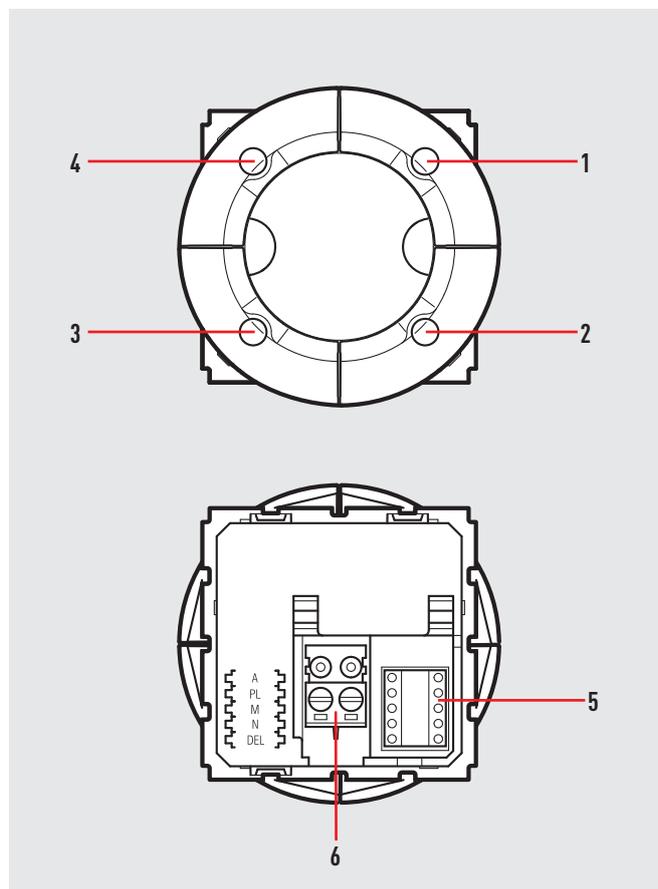
Technical data

Power supply from SCS BUS: 18 – 27 Vdc

Consumption : 9 mA

Dimensional data

Size: 2 flush-mounting modules



Legend

1. Key 2
2. Key 4
3. Key 3
4. Key 1
5. Configurator housing
6. BUS

< PREVIOUS

Configuration

Positions A and PL of the scenario control must correspond to those in the scenario module 035 51. The association of each key of the control with one of the scenarios stored by the module is made by configuring housing M. It is possible to configure positions N and DEL to set the number of the scenario to be activated with a delay (15 s – 15 ms).

Correspondence between the 4 keys of the scenario control and the number of scenarios stored in the scenario module:

Configurator M	Key 1	Key 2	Key 3	Key 4
1	Scenario 1	Scenario 2	Scenario 3	Scenario 4
2	Scenario 5	Scenario 6	Scenario 7	Scenario 8
3	Scenario 9	Scenario 10	Scenario 11	Scenario 12
4	Scenario 13	Scenario 14	Scenario 15	Scenario 16

Depending on the configurators inserted in position N, it is possible to set a delay to be associated with one or all scenarios before being actually actuated.

The configurator in the DEL position determines the delay on activating the scenario.

Configurator N	Key 1	Key 2	Key 3	Key 4
0	None	None	None	None
1	Delay ON	None	None	None
2	None	Delay ON	None	None
3	None	None	Delay ON	None
4	None	None	None	Delay ON
5	Delay ON	Delay ON	Delay ON	Delay ON

Configurator DEL	Delay
0	None
1	1 minute
2	2 minutes
3	3 minutes
4	4 minutes
5	5 minutes
6	10 minutes
7	15 minutes
8	15 seconds
9	30 seconds

Scenario programming

To program, change or delete a scenario, the programming of Scenario Module 031 51 must be enabled, confirmed by the programming status LED turning green (press the lock/unlock key for at least 0.5 seconds). After this has been done proceed as follows:

- 1) press one of the four control keys the scenario should be associated to for 4 seconds. The corresponding LED starts flashing;
- 2) set the scenario using the corresponding controls for the various Automation, Temperature control, Sound system, etc. functions;
- 3) confirm the scenario by quickly pressing the corresponding key on the control to exit programming mode;
- 4) to change a scenario or create new ones to combine with other pushbuttons, repeat the procedure starting from 1.

To recall an existing scenario, a quick pressure of the corresponding key is enough.

To delete a scenario, proceed as follows:

- 1) the scenario module must be enabled for programming
- 2) press the pushbutton of the scenario to delete for at least 10 seconds. The corresponding LED will flash quickly for about 2 seconds, confirming that the scenario has been deleted. If the LED does not flash, the procedure has been unsuccessful

To reset the whole memory from the scenario module press the DEL key for 10 seconds. The yellow LED, "reset scenarios", will flash quickly.

NOTE: Once the necessary operations have been completed, block programming by pressing the lock/unlock key of the scenario module for at least 0.5 seconds, until the corresponding LED turns red.

Controls for the 035 65 scenario programmer: pressing a key while configuring M=CEN, N=0 and DEL=0 will send to the programmer an A/PL control as well as the pushbutton number corresponding to the key pressed.



Basic control

672 41

FOLLOWS >

Description

Flush-mounting two module control, with four pushbuttons and two control status notification LEDs. This can control a single actuator for single or double loads, or two actuators for single or double loads, independent from each other.

Technical data

Power supply from SCS BUS: 18 – 27 Vdc
 Consumption: 9 mA

Dimensional data

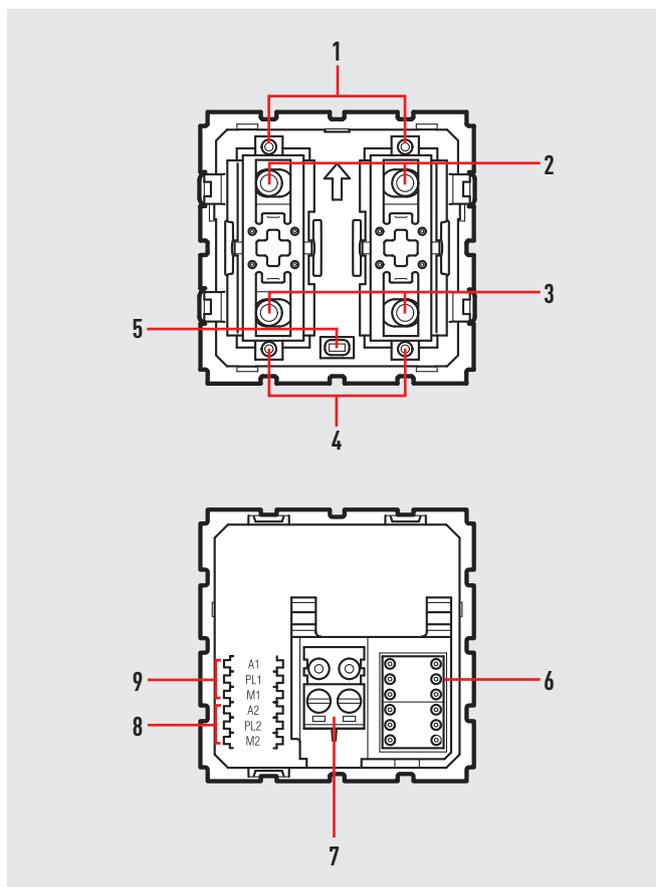
Size: 2 flush-mounting modules

Related articles

Installation to be completed by appropriate key covers. See catalogue for items.

Configuration

The device consists of two independent controls; if the device is to be used only for one control, only the positions for control 1 must be configured (positions A1, PL1 and M1). If two separate controls must be generated, the positions of control 1 and control 2 must be configured independently.



Legend

1. LED
2. Upper pushbutton
3. Lower pushbutton
4. LED
5. LED adjustment/exclusion pushbutton
6. Configurator housing
7. BUS
8. Control 2
9. Control 1

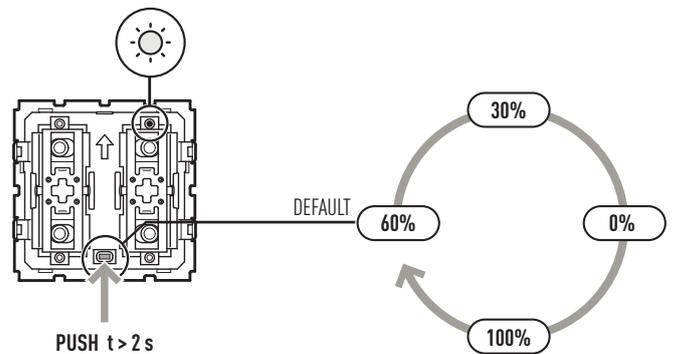
< PREVIOUS

Possible function	Combination of key covers used/Configurator in M1 and M2			
	Push button mode		Switch mode	
	control 1	control 2	control 1	control 2
ON control	ON		-	
OFF control	OFF		-	
Timed ON control ¹⁾	1 – 8		-	
Dimmer - ON control (upper key) OFF (lower key) + adjustment ²⁾	-		0/1	
Cyclic ON-OFF control and adjustment ²⁾	no configuration		-	
Rolling shutter up-down to end of stroke	-		↑↓	
Monostable rolling shutter up-down	-		↑↓M	
Pushbutton (ON monostable)	PUL		-	
Activation of scenarios managed by the programmer 035 65 ³⁾			CEN	

- 1) The device puts the actuator which it has in address in OFF after a time laid down by the configurators used, as indicated in the table
- 2) If the control is sent to a dimmer actuator.
- 3) If the device is used only to manage the scenario programmer 035 65, do not configure positions A2, PL2.

Configurator	Time (minutes)
1	1
2	2
3	3
4	4
5	5
6	15
7	30 seconds
8	0.5 seconds

LED adjustment





Special control

672 42

FOLLOWS >

Description

The special SCS control, with two module, flush-mounting and lowered, is fitted with 4 pushbuttons and two green/red two-colour LEDs. The LEDs may be adjusted or excluded using the pushbutton on the control.

The control can be used for performing both standard and special functions (timed ON, scenario control, timer control, dimmer, functions for video door entry system and sound system).

Technical data

Power supply from SCS BUS: 18 – 27 Vdc

Absorption in stand-by: 7.5 mA

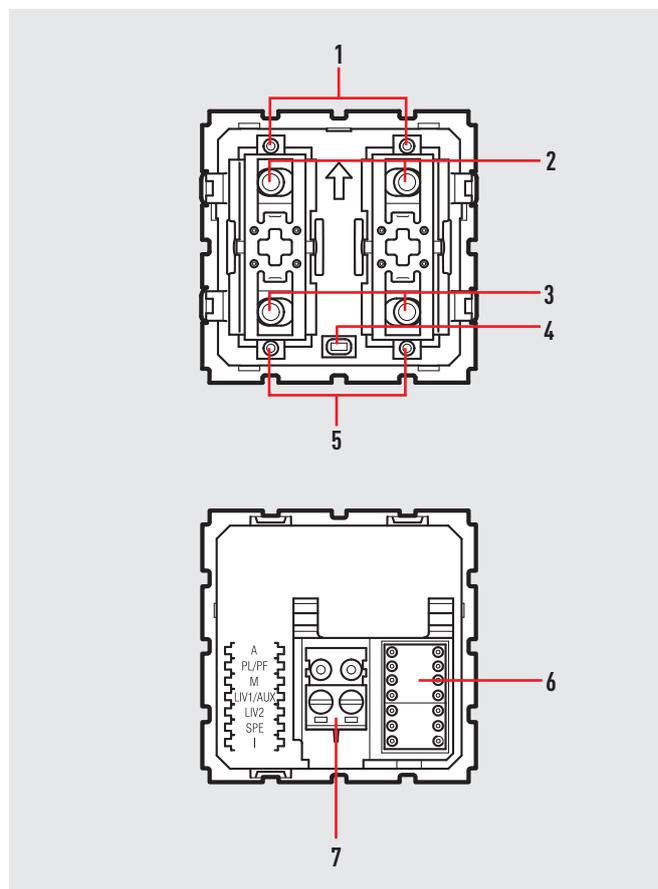
Operating temperature: 5 – 35 °C

Dimensional data

Size: 2 flush-mounting lowered modules

Related articles

Installation to be completed by appropriate key covers. See catalogue for items.



Legend

1. LED
2. Upper pushbutton
3. Lower pushbutton
4. Pushbutton for LED adjustment/exclusion
5. LED
6. Configurator housing
7. BUS

< PREVIOUS

Configuration

The advanced control may also be used in systems with SCS/SCS interfaces (035 62). If the control is installed on the Bus of an interface, it will be possible to directly control the actuator on the Bus of another interface, without the need for intermediate auxiliary controls. For this, the I configurator, representing the interface address on which Bus is the actuator to control, must be used. The logic expansion interfaces on the system must be numbered from 1 to 9. When I=0, the device on the local line is controlled, while if I=CEN, the device controlled is the one installed on the riser. With the new control, it is therefore possible to set addresses for 81x9 devices connected to the buses for the 9 interfaces + 81 devices in the riser, for a total of 810 addresses. The M, LIV1 and LIV2 housings are also used for timer control functions.

- A:** Room
- PL/PF:** Light point/voice point (sound system)
- M:** Mode
- LIV1/AUX:** Dimmer 1 level (with SPE=5 – 9), or AUX channel (with SPE=from 0 – 4 and from 6 – 8)
- LIV2:** Dimmer 2 level (with SPE=5 – 9)
- SPE:** Special
- I:** Address of the devices to be controlled

Mode with SPE=0 - automation standard functions - Automation

Possible function	M configurator value
Cyclic control. For point-point controls, the ON/OFF functions are performed by a quick pressure, while a longer pressure will be used for the adjustments; for the other controls only the ON/OFF functions are performed	No configurator
ON control only	ON
OFF control only	OFF
On control using the upper key, Off control using the lower key. For point-point controls, the ON/OFF functions are performed by a quick pressure, while a longer pressure will be used for the adjustments	0/1
Control of rolling shutter up-down to end of stroke	↑↓
Control of monostable rolling shutter up-down (duration of the control for the whole time the key is pressed) ↑↓	M ↑↓
Pushbutton mode	PUL
Timed ON control ¹⁾	1 – 8
The control, which address is indicated in A and PL, sends a control for the scenario programmer, 035 65 ²⁾	CEN

1) The device puts the actuator which it has in address in OFF after a time laid down by the configurators used, as indicated in the table

2) Enabling of keys T1 (upper) and T2 (lower) for the management of programmer 035 65 scenarios.

Configurator	Time (minutes)
1	1
2	2
3	3
4	4
5	5
6	15
7	30 seconds
8	0.5 seconds

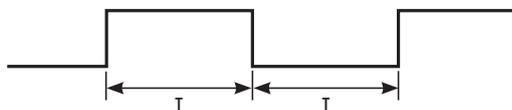
Mode with SPE=1 – Advanced functions – Automation

Possible function	M configurator value
Locks the status of the devices to which the control is addressed	1
Unlocks the status of the devices to which the control is addressed	2
Unlocks with upper key, and locks with lower key	3
ON short timed 2 seconds	7
ON timed 10 minutes	8

Mode with SPE=2 - Flashing – Automation

Possible function	M configurator value
On with flash ¹⁾	0 – 9

1) When an actuator receives a flashing control, this is performed closing and opening the relay for a time equal to T. The T time depends on the configurators used in M, as shown in the table:



Configurator	Time (seconds)
0	0.5
1	1
2	1.5
3	2
4	2.5
5	3
6	3.5
7	4
8	4.5
9	5

Mode with SPE=3 - dimmer level – Automation

Possible function	M configurator value
Selection of the adjustment level of Dimmer ¹⁾	1 – 9

1) The M configurator defines the adjustment in % of the power of the load, as shown on the table

Configurator	%P on the load
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90

< PREVIOUS

Mode with SPE=4 - scenario repetition - Automation

Possible function	M configurator value
Repetition of scenario 1 – 9 of the scenario module which address is specified in A and PL	1 – 9

Mode with SPE=5 - advanced dimmer functions, cyclic version - Automation

Possible function	M configurator value
Selection of the SOFT-START and SOFT-STOP speed (see table below) and selection of the fixed adjustment level from 1% to 99% through the LIV1=0 – 9 and LIV2=0 – 9 housings. Control is cyclic with ON at the selected level, and OFF. If LIV1=LIV2=0, the control enables to switch between ON (at the last saved level) and OFF, with a quick pressure. For point-point controls, adjustment is performed with an extended adjustment. The function is only active if the device address corresponds to a dimmer actuator.	0 – 9

Configurator	Soft-start and soft-stop time (seconds)
0	Default
1	1
2	3
3	5
4	10
5	20
6	40
7	1 minute
8	2 minutes
9	4 minutes 15 seconds

Mode with SPE=6 - scenario control - Automation

The special control does not manage the scenarios by saving them in its own memory, but has the function of recalling, creating or changing 4 scenarios in the scenario Module 035 51.

The A and PL positions of the special control must correspond to those of the scenario module, while the association of each key of the control with one of the scenarios saved, is performed by configuring the M housing

M configurator value	Key 1 (T1)	Key 2 (T2)	Key 3 (T3)	Key 4 (T4)
1	scenario 1	scenario 2	scenario 3	scenario 4
2	scenario 5	scenario 6	scenario 7	scenario 8
3	scenario 9	scenario 10	scenario 11	scenario 12
4	scenario 13	scenario 14	scenario 15	scenario 16

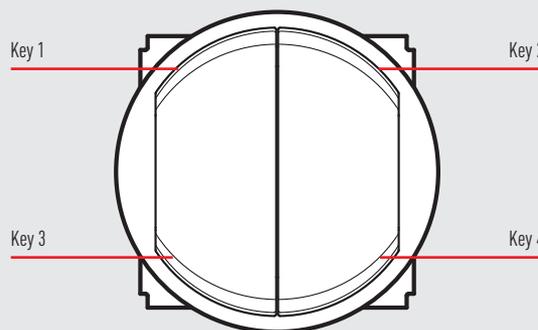
NOTE: M=1 – 4 identifies the group of the scenarios to control with the four keys, T1, T2, T3 and T4.

Scenario programming:

To program, change or delete a scenario, the programming of Module 031 51 must be enabled, confirmed by the programming status LED turning green (press the lock/unlock key of the scenario module for at least 0.5 seconds). After this has been done proceed as follow:

- 1) Press one of the four special control keys the scenario should be associated to for 3 seconds. The corresponding LED starts flashing.
- 2) Set the scenario using the corresponding controls for the various Automation, Temperature control, Sound system, etc. functions.
- 3) Confirm the scenario by quickly pressing the corresponding key on the special control to exit programming mode.
- 4) To change a scenario or create new ones to combine with other pushbuttons, repeat the procedure starting from 1.

To recall an existing scenario, a quick pressure of the corresponding key is enough. To completely delete a scenario, press the corresponding key for 10 seconds.

Keys to manage the scenarios


NOTE: The picture is provided as a reference only, the position of the keys is the same for all Legrand house automation series.

Mode with SPE=7 - video door entry system mode – video door entry system

Possible function	M configurator value
Door lock control; A and PL are the address (two digits) of the entrance panel for which to control the door lock using the T3 key (bottom left); the T4 key (bottom right) the one of entrance panel EP (A/PL)+2, the T1 key (top left) controls the door lock of entrance panel EP (A/PL)+1 and the T2 key (top right) the one of entrance panel EP (A/PL)+3.	1
Control for call to the floor; A and PL are the address (two digits) of the handset to call.	2
Control to switch on the staircase lights; A and PL are the address (two digits) of the handset from where the staircase lights are controlled.	3

Mode with SPE=8 - sound system mode

This mode is used to control the amplifiers and the sources of the Sound System. By appropriately configuring A, PL/PF and M, the following functions can be obtained:

- 1) A = 1 – 9 address of the room of the amplifier to control
 PL/PF = 0 – 9 address of the amplifier to control
 M = 0 (Follow-me mode)*
- 2) A=AMB room configuration
 PL/PF = 0 – 9 configuration of the room to control (in this case all amplifiers of the same room will be controlled)
 M = 1 (sound source activation S = 1)*
- 3) A = GEN this mode allows activation of all amplifiers within the home
 PL/PF = -
 M = 4 (activation of sound source S = 4)*

NOTE (*):

M = 1 – 4 indicates the sound source to activate before switching the amplifier on
 If M = 0, source 1 is activated without first switching all sources OFF (follow-me mode)

With all SPE = 8 modes, LIV1, LIV2 and I sources must not be configured

Example:

If A=1, PL/PF=1 and M=3, the radio control will manage the amplifier with address A=1 and PF=1, and will activate source 3.

In sound system mode, the special control keys perform the following functions:

- 1) the following sequence is sent by briefly pressing T1:
 - Sources ON: source 1 is switched on only if M=0;
 - Amplifier ON
- 2) With an extended pressure of T1
 - for point to point controls, if the amplifier is already on, only the volume is adjusted (VOL+); if the amplifier is off, the first switch-on sequence is sent;
 - For Room, Group and General controls, only the volume is adjusted.
- 3) With extended pressure of T3, the volume (VOL) is adjusted. A quick pressure will send the Off control to the amplifier.
- 4) Press T2 to change the source,
- 5) T4 is the active source control.

< PREVIOUS

Mode with SPE=9 - advanced dimmer functions, 0/I version

Possible function

M configurator value

Selection of the SOFT-START and SOFT-STOP speed (see table below) and selection of the fixed adjustment level from 1% to 99% through the LIV1=0 - 9 and LIV2=0 - 9 housings, according to the table for SPE=5. Control is ON at the level selected with the upper key and OFF at the one selected with the lower key. If LIV1=LIV2=0, a quick pressure of the upper key will be enough for the ON control (at the last level saved), and of the lower key, for the OFF control; only in case of point-point controls, an extended pressure will give the possibility to perform adjustments (upwards with the upper key and downward with the lower key), on 100 levels at variable speed.

0 - 9

Mode with SPE=ON - timer control

In this mode the control only works as a timer. In order to use this special control as a timer control, the meaning of the configurators is as follows:

M becomes M1

LIV1 becomes M2

LIV2 becomes S

Configure the housings M1 and M2 for setting the timer minutes, and S for the timer seconds, in 5 sec. steps; see table.

If M1=M2=S=9, a control is sent with a 0.5 sec. time value. If M1=M2=S=0, the control is not timed and works in cyclic ON-OFF on the bottom left pushbutton. By correctly selecting the sub keys, it is possible to only send timer controls or, using the two right keys, the usual ON, OFF or dimmer adjustment controls.

Configurator	Time (seconds)
0	0
1	5
2	10
3	15
4	20
5	25
6	30
7	35
8	40
9	45

Management of input auxiliaries (AUX)

The configurator in AUX indicates the auxiliary channel number which activates the control. On receiving a message sent on the AUX channel indicated, the device sends the control for which it is configured, as if its own control pushbutton had been pressed.

LED adjustment

