

## BUS-SCS key card switches

0 675 65 H4649  
5 727 35 LN4649  
5 722 35

### Description

Hotel room power supply key card switch. Thanks to the LED backlit slot, the device can be found in the dark. An automatic switch off delay can also be set.

It can be used with key cards with sizes between 45 mm and 54 mm (ISO).

The device can be configured in two different ways:

- **Physical configuration**, by inserting the configurators in the appropriate housings.
- **Configuration using the MyHOME\_Suite software**, which can be downloaded from the website [www.homesystems-legrandgroup.com](http://www.homesystems-legrandgroup.com); this last type of configuration has the advantage of offering many more options when compared with the physical configuration.

### Technical data

Power supply from SCS BUS:	18-27 Vdc
Max. absorption:	6 mA
Stand-by absorption:	5 mA
Operating temperature:	(-10) – (+45) °C

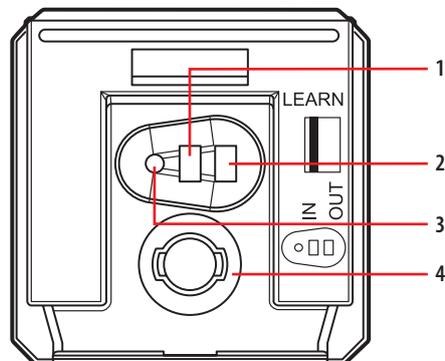
### Standards, Certifications, Marks

EN 60669-2-1  
EN 50491-5-1  
EN 50428

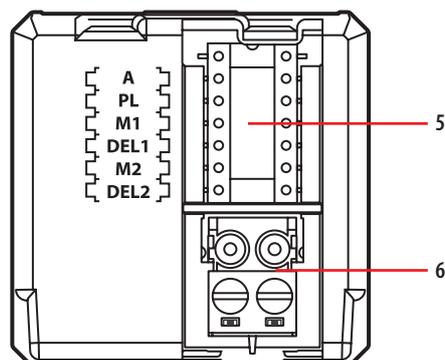
### Dimensional data

Size: 2 flush mounted modules

Front view



Rear view



### Legend

1. Programming key: Learn IN
2. Programming key: Learn OUT
3. LED
4. Key card detection microswitch
5. Configurator socket
6. SCS BUS connector

**Physical configuration**

Two modes:

- CENTRALIZED (to be used with MH201), to recall scenarios managed by the scenario programmer. When the key card is inserted and removed, the device forwards a signal to the scenario programmer, which depending on the scenarios set will activate the corresponding functions programmed.

- A = 1-9 (CEN command address)
- PL = 1-9 (CEN command address)
- M1 = CEN
- DEL1 = no configurator
- M2 = no configurator
- DEL2 = no configurator

Note: the insertion of the key card corresponds to "Pushbutton 1" of the control, while the removal of the key card corresponds to "Pushbutton 2" of the control

- SCENARIO, where by inserting the key card a group of actuators is enabled, and an entrance scenario is activated (through the scenario module), and by removing the key card an exit scenario is activated (through the scenario module), thanks to which all the group actuators will switch off and then disable after a set time delay.

- A = 1-9 (as scenario module)
- PL = 1-9 (as scenario module)
- M1 = 1-8 (activation of the corresponding scenario: see table B)
- DEL1 = 0 - 9 (switching on time delay at the insertion of the key card: see table A)
- M2 = no configurator
- DEL2 = 0 - 9 (switching off time delay after the removal of the key card: see table A)

**Table A**

Configurator value	Time
0	0
1	1 min
2	2 min
3	3 min
4	4 min
5	5 min
6	10 min
7	15 min
8	15 sec
9	30 sec

**Table B**

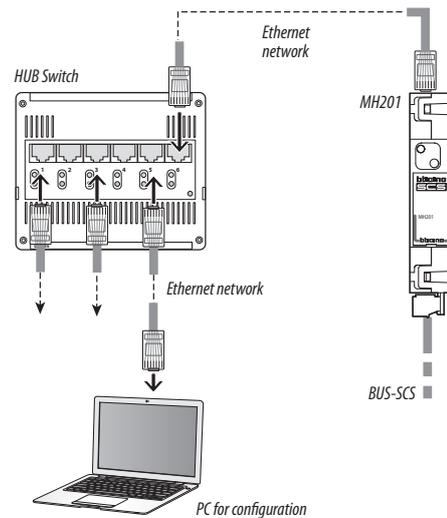
Configurator value	Scenario - Group
1	Scenario-group (Sce1=1, Sce2=9, Gr=1)
2	Scenario-group (Sce1=2, Sce2=10, Gr=2)
3	Scenario-group (Sce1=3, Sce2=11, Gr=3)
4	Scenario-group (Sce1=4, Sce2=12, Gr=4)
5	Scenario-group (Sce1=5, Sce2=13, Gr=5)
6	Scenario-group (Sce1=6, Sce2=14, Gr=6)
7	Scenario-group (Sce1=7, Sce2=15, Gr=7)
8	Scenario-group (Sce1=8, Sce2=16, Gr=8)

Note: Sce 1 = scenario activated on insertion  
Sce 2 = scenario activated on removal  
Gr = group of actuators

**Configuration using the MyHOME\_Suite software**

This is performed using the appropriate MyHOME\_Suite application. This mode has the advantage of offering many more options when compared with the physical configuration. The software configuration requires Ethernet connection between the system and the PC, through the IP MH201 scenario module.

**Ethernet connection to the system**



**SCENARIO mode programming**

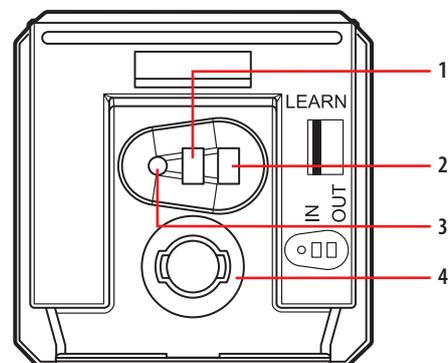
SCENARIO mode programming:

This operation is performed to create a link between the key card switch and the scenario module. The procedure is as follows:

- 1) Power the key card switch. Check that the scenario module is in programming mode, with the green LED on;
- 2) Press and hold down programming key 1 (Learn IN) or 2 (Learn OUT) until the LED starts flashing (approximately 3 seconds);
- 3) Create the scenario using the system controls and actuators;
- 4) Once the scenario has been saved, briefly press programming key 1 (Learn IN) or 2 (Learn 2) to exit the programming status;
- 5) The scenario module will also have to exit programming status (see the scenario module technical information).

Canceling the programming in SCENARIO mode:

- 1) Power the key card switch. Check that the scenario module is in programming mode, with the green LED on;
- 2) Press and hold down programming key 1 (Learn IN) or 2 (Learn 2) for 8 seconds. after 3 seconds the LED will turn on, after a further 5 seconds it will turn off again;
- 3) Release the key;
- 4) The LED flashing, followed by the LED switching off, indicates that the programming has been cancelled;
- 5) The scenario module will also have to exit programming status (see the scenario module technical information).



1. Programming key: Learn IN
2. Programming key: Learn OUT
3. LED
4. Key card detection microswitch

**Wiring diagrams**

Principle and configuration diagram for a hotel room

