TECHNICAL SHEET

Touch control multifunction

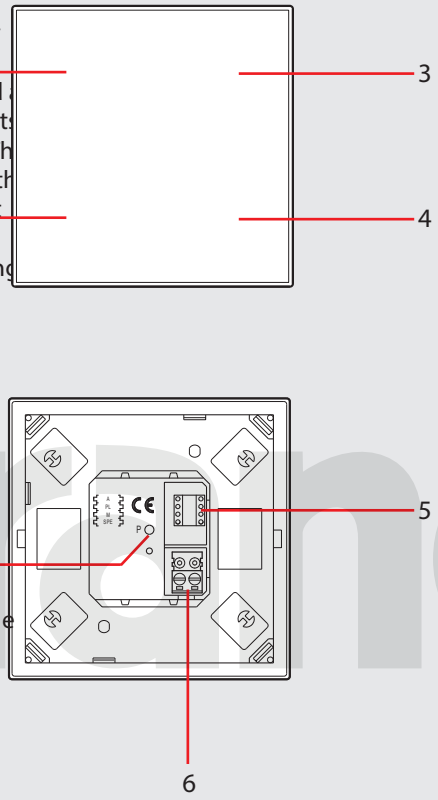
5739 04 – 5739 06
5739 05 – 5739 07

Description

This control is a SCS control, which traditional pushbuttons are replaced by capacitive sensors. Moving the finger close to a sensor is the same as pressing a pushbutton. The device can be used to perform the functions typical of a special SCS control by simply moving a finger close to the surface. It is produced in the 2 module flush-mounting version, 4 keys respectively. Each zone corresponding to a key is marked at the centre by two light blue LED. When the user moves a finger close to the zone, its intensity increases sensibly, and remains so until the finger is moved away again. This effect is necessary to give the user the feeling of activating the control. Therefore, the LEDs can have two different levels of light intensity. It is however possible to select different intensity levels using push button "P".
The control may operate in four different modes: self-learning, scenarios, swivelling, CEN and sound system mode.

- The self-learning mode (cyclic or non-cyclic) allows to associate to each key most of the typical automation system, sound system, video door entry system (staircase light, open-door, call to the floor, door lock, and cycling of cameras) functions, in additional to auxiliary controls.
- The scenario mode can be used to recall, program and delete 4 scenarios of a scenario module.
- The swivelling mode can be used to drive the 2 consecutive light points or rolling shutters (or rooms or groups)
- The CEN mode enables using the control with the scenario programmer 0 335 65

In order to clean the device, it is possible to temporarily disable the sensitive zones by pressing two diagonally opposite zones at the same time (keys 1 – 4). The LEDs will flash in sequence. Normal operation is automatically reinstated after 10 seconds.



Technical data

Power supply from SCS BUS: 18 – 27 Vdc
Max. consumption : 25 mA with LED=MAX
20 mA with LED= MED
17 mA with LED= MIN
Operating temperature: 0 – 40 °C
Depth: 18.3 mm

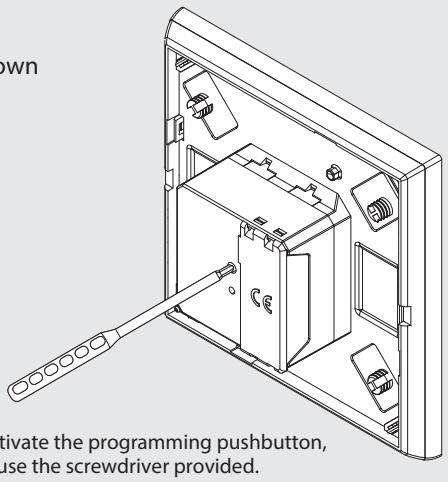
Legend

1. Key 1
2. Key 2
3. Key 3
4. Key 4
5. Configurator housing
6. BUS
7. Selection of the LED intensity and programming pushbutton

5739 04 – 5739 06
5739 05 – 5739 07

Configuration

The configuration can be made in two different modes:
- Physical configuration: connecting the physical configurators to their own housings
- Virtual configuration: the control may be configured remotely



To activate the programming pushbutton, only use the screwdriver provided.

SPE=0 M=0 Self-learning mode

Possible function	M configurator value
This operating mode can be used to associate one individual control to any key of the device. It is possible to create, delete or change each control. A specific A/PL address on the system must always be assigned to the control (not to be used by any other device installed on the BUS), with A=0 – 9 e PL=1 – 9.	0

Programming the Keys

1) Shortly press the key on the rear side, the LEDs will switch in sequence, as LED will start flashing (0.5s on – 0.5s off), showing that the programming mode has been enabled;
2) Press, within 20 seconds, the key that needs to be programmed: the associated
3) Set the control to be associated with the key using the keys and/or the corresponding actuator; the LEDs will start to rotate;
4) You can now repeat operations 2 and 3 for all keys, including any key if they need changing;
5) Shortly press the key on the rear part or wait 20 seconds to exit the p phase;

Functions which the device can learn:

a. Automation
– ON/OFF actuator; cycling mode operation. Short pressure: ON/OFF actuator; prolonged pressure: dimmer regulation (only for point-point control)
– Timed ON
– Flashing
– Shutters UP; shutters are rolled up until end of stroke, in bistable mode. Prolonged pressure: UP function; short pressure: STOP
– Shutters DOWN; shutters are rolled down until end of stroke, in bistable mode. Prolonged pressure: DOWN function; short pressure: STOP
– Lock/release actuator
– Scenario retrieval from Scenario module 035 51
– Scenario retrieval from Scenario programmer 035 65

b. Video door entry systems
– Door lock control (including during a conversation)
– Staircase light control
– Call to the floor (including general call)

c. Sound diffusion
– Amplifier ON (always in the follow-me mode). Short pressure: amplifi prolonged pressure: volume regulation UP
– Amplifier OFF. Short pressure: amplifier OFF; prolonged pressure: volu tion DOWN.
– Cycling of sound sources.
– Radio station or track change.

d. Auxiliary channels
– ON/OFF light auxiliary; cycling mode operation
– Shutters UP; shutters are rolled up until end of stroke, in bistable mod Prolonged pressure: UP function; short pressure: STOP
– Shutters DOWN; shutters are rolled down until end of stroke, in bistab Prolonged pressure: DOWN function; short pressure: STOP
– Reset

5739 04 – 5739 06
5739 05 – 5739 07

Deleting the programming of the keys

1) Shortly press the key on the rear side, the LEDs will switch in succession
2) Press, within 20 seconds, the key to be deleted and keep it pressed for 4 seconds
starting now the deleted key will no longer enable any control until reprogrammed
3) The corresponding LED will flash for 4 seconds; afterwards operation 2 can b
repeated to delete another programming
4) Shortly press the relevant key or wait 20 seconds to exit the deleting mode

NOTE: To delete the programming of all keys at the same time, the
key on the rear part. The LEDs will switch on in succession; press the rear key again
and keep it pressed for 10 seconds: the LEDs will flash in sequence for approximately
4 seconds, confirming that all key programming settings have been deleted.

SPE=0 M=6 Non cyclic self-learning mode

Possible function	M configurator value
This mode is a variant of the self-learning mode (M=0), where, however, the keys never work cyclically. Therefore if, for example, the ON of an actuator or dimmer is learnt, the couple of keys is configured automatically to switch on or increase the light intensity level for the upper key, and switch off or decrease the level of intensity for the lower one. If, on the other hand, the single function is learnt (e.g. recalling of a scenario), the other key of the pair remains without function, or retains the previous function. Always assign to the control a specific A/PL address on the system (not to be used by any other device installed on the Bus), A=0 – 9 and PL=1 – 9. The functions saved are the same described for M=0	6

SPE=0 M=1,2,3,5 Scenario mode

Possible function	M configurator value
This operating mode is useful if the system includes a scenario module 035 51. The combination is ensured by assigning to both items the same address, identified by A=0 – 9 and PL=1 – 9. The user may create, delete or change the scenarios saved in the scenario module, and can recall them using the keys. With this procedure it is possible to save up to 16 scenarios using three 4-key devices.	1, 2, 3, 5

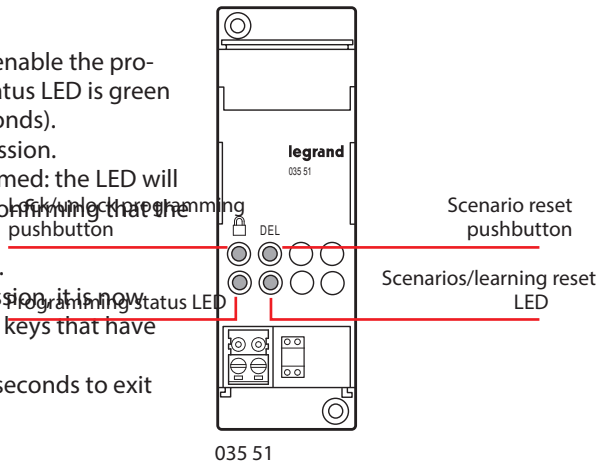
The following table shows the correspondence between the number of the scenario saved in the scenario module and the control keys in the various possible configurations.

Number of the key	M=1	M=5	M=2	M=3
Key 1	scenario 1	scenario 5	scenario 9	scenario 13
Key 2	scenario 2	scenario 6	scenario 10	scenario 14
Key 3	scenario 3	scenario 7	scenario 11	scenario 15
Key 4	scenario 4	scenario 8	scenario 12	scenario 16

5739 04 – 5739 06
5739 05 – 5739 07

Programming a scenario

1) 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 programming status LED is green (use the lock/unlock key on the Scenario Module for at least 0.5 seconds).
2) Press briefly the pushbutton on the back, the LEDs turn on in succession.
3) Quickly press the key corresponding to the scenario to be programmed: the LED will start flashing (upon receiving the update of the scenario module), confirming that the programming mode is active.
4) Set the scenario using the corresponding controls and/or actuators.
5) Press the pushbutton to exit programming: the LEDs flash in succession, it is now possible to repeat points 2, 3 and 4 for all scenarios, including those keys that have already been associated, if they need changing.
6) Press the pushbutton on the back to exit programming, or wait 20 seconds to exit programming automatically.



035 51

Cancel a scenario

1) The scenario module must be in the “self-learning enabled” configuration;
2) Shortly press the key on the rear side, the LEDs will switch in succession;
3) Press, within 20 seconds, the key corresponding to the scenario to be deleted and keep it pressed for 4 seconds;
4) The corresponding LED will flash for 4 seconds, alternating with the others; afterwards operation 2 can be repeated to delete another programmin;
5) Shortly press the relevant key or wait 20 seconds to exit the deleting m

NOTE: the entire memory can only be reset from the scenario module: press down the "DEL" key for 10 seconds after enabling programming on the sce

SPE=0 M=↑↓; ↑↓ M Swivelling modes

These modes enable quick installation without the need for learning or scenario modules, allowing control of 2 consecutive light points or rolli point or rolling shutter controlled by the first pair of keys. The subsequent pairs control the subsequent light points or rolling shutters. If the co A, in the same way the 2 pairs of keys control consecutive rooms or groups, starting from the one indicated by the configurator in PL.

The possible A and PL configurations are the following:
- Point-point: A=1 – 9 is the room, PL=1 – 9 is the light point.
- Room: A=AMB, PL=1 – 9 is the no. of the room.
- Group: A=GR, PL=1 – 9 is the no. of the group.
- General: A=GEN, PL=0 all pairs send the same general controls.

Possible function	M configurator value
ON/OFF control: 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; for the other controls only the ON/OFF functions are performed	↑↓
Control (UP-DOWN for rolling shutters): up-down control to end of stroke	↑↓
Monostable control (UP-DOWN for rolling shutters): up-down control for the time the key is pressed	↑↓M

SPE=0 M=CEN Scenario programmer mode

The combination of a scenario configured in the scenario programmer 035 65 and the corresponding control activation keys, is performe scenario itself with the software supplied.

Possible function	M configurator value
Always assign to the control a specific A/PL address on the system (not to be used by any other device installed on the Bus), A=0 – 9, PL=0 – 9. The A=0, PL=0 configuration cannot be accepted. This operating mode can only be used if the system includes a scenario programmer (035 65).	CEN

5739 04 – 5739 06
5739 05 – 5739 07

Mode with SPE=1 - sound system mode -

This function is used to control the amplifiers and the sound system sources.
The functions performed are the following:

1) With a quick pressure of key 1, the following sequence is sent:
   - OFF of the sources, only if M > 0
   - ON of the M source (source 1 if M=0);
   - ON of the amplifier.
2) With an extended pressure of key 1:
   - for point-point controls, if the amplifier is already on, only the volume is adjusted (VOL+); if the amplifier is off, the switch on sequence is sent first;
   - for Room and General controls, only the volume is adjusted.
3) With an extended pressure of key 2, the volume is adjusted (VOL-). A quick pressure sends the OFF control to the amplifier.
4) When key 3 is pressed the source is changed.
5) Key 4 is the control for the active source.

M=0 – 9 indicates the source to be activated before switching the amplifier on
source 1 is switched on without first switching OFF the sources (follow-me m

The possible A and PL configurations are the following:
- Audio point: A=0 – 9 is the amplifier room, PL=0 – 9 is the amplifier audio p
- Room: A=AMB, PL= 0 – 9 is the room that the control is targeted at.
- General: A=GEN, PL= 0.

Selection of the LED intensity

Press the rear key for more than 2 seconds to select among different LED intensities, depending on installation needs.

Level when key pressed	Level in idle status	
100%	60%	Default
75%	30%	
45%	OFF	

Once the device has been installed, wait two minutes for the self-calibration procedure to be completed. During this period, controls may be au