Scenario module

F420

Description

This device allows you to manage scenarios for Automation, Sound system and Temperature Control systems which have been created, modified and activated using 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.
If installed in large systems with interface item F422 in logical expansion, the module can save automation controls for the system where it is installed.
On the front cover of the item there are two keys and two LED. The first pushbutton (padlock) locks or unlocks the programming procedure avoiding involuntary operations such as cancelling the scenarios and the corresponding LED indicates the status: **green** programming possible, **red** programming blocked, **orange** temporary block.
The second pushbutton (DEL) cancels all the scenarios, the LED underneath indicates that the cancellation has taken place or that the device is performing the learning procedure.

Technical data

Power supply from SCS BUS:	27 Vdc
Operating power supply with SCS BUS:	18 – 27 Vdc
Absorption:	20 mA
Operating temperature:	0 – 40 °C
Size:	2 DIN modules

Configuration

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 = 0-9** and position **PL = 1-9**. When using a Touch Screen, the address of the scenario module must be specified during programming, using the Tidisplay software. Several scenario modules may be installed in one system, allocating a different address to each module.

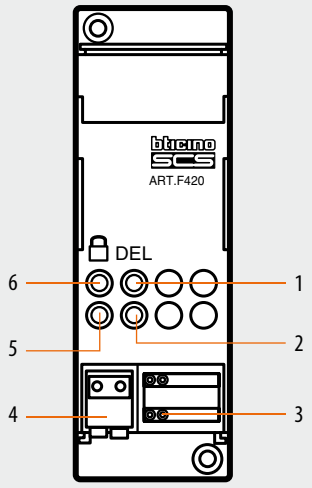
Scenario programmer

In order to program, change or cancel a scenario, it is necessary to enable the programming mode of the Module item F420 so that the status LED is green (press the lock/unlock key on the Scenario Module for at least 0.5 seconds); continue with the following operations:

1) press one of the four 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 control to exit programming mode;
4) to change or create new scenarios to be linked to the other keys, repeat the procedure starting from point 1.

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

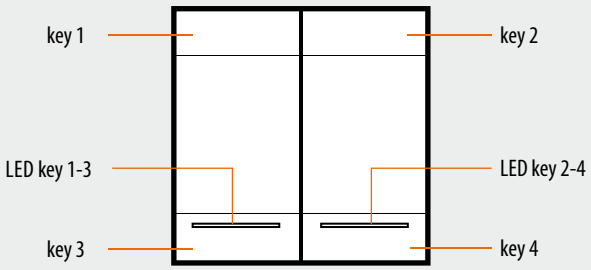
If the module does not receive any input for 30 minutes from the start of the learning procedure, programming will automatically be interrupted. To cancel a scenario completely, keep the corresponding pushbutton pressed for about ten seconds.
To erase the entire memory keep the DEL pushbutton on the Scenario module pressed for 10 seconds, the yellow "reset scenarios" LED flashes quickly. Once the operations have been performed lock the programming by pressing the lock/unlock pushbutton for at least 0.5 seconds, so that the corresponding LED becomes red.



Front view

Legend

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



NOTES:

Inside the system itself one Scenario module can be programmed at a time as the other devices are temporarily locked; during this phase the "programming status" LED becomes orange signalling the temporary Lock.
During the learning procedure and when there are timed controls or group controls, the Scenario module does not save events for 20 seconds. You must thus wait before continuing with creating the scenario.
During the scenario learning procedure 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.
In case of "virtual" configuration the LED flashes RED.