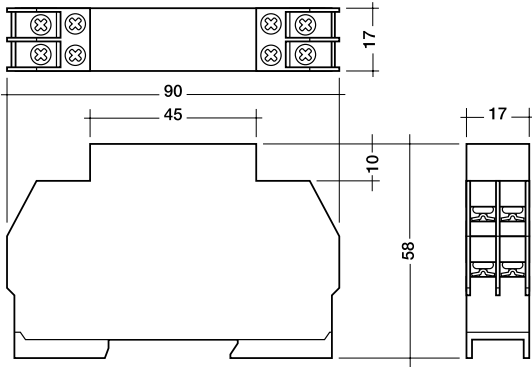


DALI SQM



Function:

The DALI SQM constantly sends DALI signals with the set "step time". These are broadcast-addressed scene calls. DALI scenes 0 to 15 can be called up. The end scene, after which scene 0 is called up again, can be programmed and set to DALI scene 7 on delivery. This means that a sequence of eight scenes is called up.

Assembly/installation:

- The DALI SQM must not be connected to the mains. It is supplied directly via the DALI signal line.
- The function switch is connected directly to the DALI SQM (potential free contact) and must not be connected to the mains.
- DALI signals are not SELV. Therefore the same procedures should be applied as working with mains voltage. This is also valid to the function switch and the cord.
- 5-year guarantee

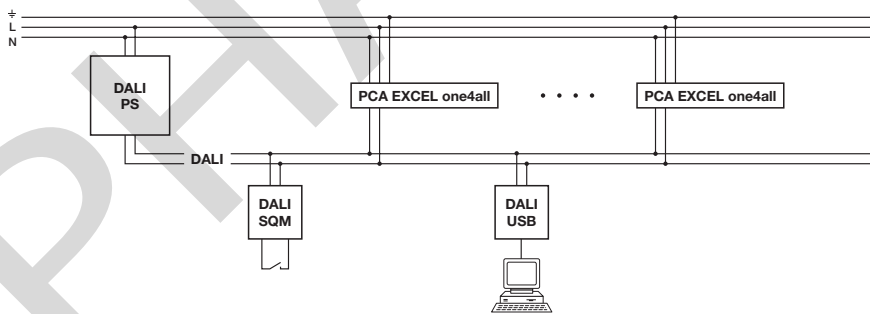
Glow-wire test

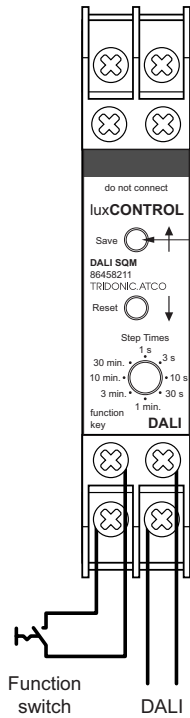
according to EN 60598-1 passed.

DALI standard

The DALI SQM is designed to control control gear with DALI standard IEC 60929 (DALI V0).

Type	DALI SQM
Article number	86458211
Power supply	from the DALI line
Current input	9 mA
Inputs	rotary switch, 1 s – 30 min. function switch: max. cable length 100 m
Output	DALI
Permissible ambient temperature	0 °C – 50 °C

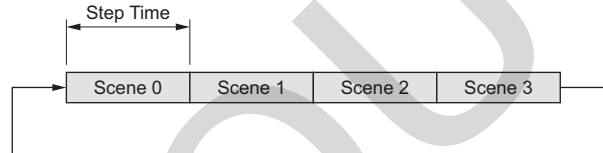




The end scene must be accessed by pressing the switch briefly. Pressing the switch for more than 5 seconds stores this as the end scene. The saving of the final scenes is indicated by fast stepping through all the scenes used, followed by an OFF signal.

Step times:

The "Step Times" rotary switch is used to set the step time. There is a choice of eight time (1 s, 3 s, 10 s, 30 s, 1 min., 3 min., 10 min. and 30 min.). The step time is the time for which a particular scene is active before the next scene is activated. Factory setting: 1 second



Example: For a step time of 30 seconds the module sends a new scene command every 30 seconds.

Setting the fade time

Based on the normal DALI specification, the changes from one scene to the next in a sequence would be extremely abrupt. The colours for the individual scenes would come on instantly (within 0.7 s). To ensure that the transition is smooth and gentle you can change the fade time in the ballasts. The time during which the colour is changing can be set between 0.7 s and 90.5 s with the aid of configTOOL software and a DALI USB (article no. 24138923).



Note: If the step time is less than the fade time the next scene will be selected even if the fade time has not been completed.

Function switch

Function switch closed

The sequencer module is active

Function switch open

The sequencer module is not active

Function switch is opened

The installation switches off because of the broadcast command "off" is sent.

Module switch

Up/Save switch ↑

This switch is only active if the sequencer module is not activated (Function switch is open).

Up ↑

Pressing the switch briefly calls up the next scene.

Save ↑

Holding down the switch (for about 5 seconds) defines the current scene as the last scene in the sequence. This setting is retained even after power-off.

Down/Reset switch ↓

This switch is only active if the sequencer module is not activated (Function switch is open).

Down ↓

Pressing the switch briefly calls up the previous scene.

Reset ↓

Holding down the switch (for about 5 seconds) calls the broadcast command "OFF".