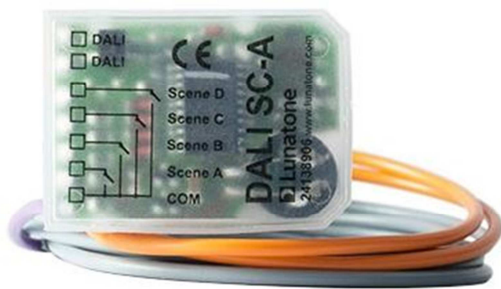# DALI SC/SC-A

Datasheet

Scene Control Module

Module to recall four DALI scenes by using conventional momentary switches

Art. Nr. 24138906 (SC-A)

Art. Nr. 24034263 (SC)

subject to change, information provided without guarantee
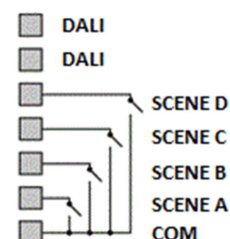

DALI SC/SC-A Scene Control Module

Overview

- Compact control module to recall lighting scenes from DALI ballasts.

- To assign a momentary switch to a specific scene the scene range has to be selected via the rotary switch on the back of the module.

- Conventional momentary switches can be used for scene selection.

- The DALI SC offers the possibility to program light scenes whereas the DALI SC-A does not support this feature.

- Multiple DALI SC modules can be used on the same DALI-line.

- The module can be inserted into the mounting box of the momentary switch.

- The DALI SC must NOT be connected to the mains. It is supplied directly via the DALI signal line.

- The momentary switches are connected directly to the DALI SC (potential free contacts) and must not be connected to the mains.

Specification, Characteristics

type	DALI-SC	DALI SC-A
article number	24034263	24138906
supply	via DALI signal line	via DALI signal line
current consumption	6 mA	6 mA
input	4 momentary switches	4 momentary switches
output	DALI (broadcast)	DALI (broadcast)
scenes	4 out of 16	4 out of 16
scene selection	rotary switch	rotary switch
scene programming	Yes	No
temperature	0°C-50°C	0°C-50°C
protection class	IP20	IP20
connecting wire cross section	0.75 mm^2	0.75 mm^2
wiring length	250 mm	250 mm

connection plan

DALI SC only:
Programming Scenes

rotary switch	scene A	scene B	scene C	scene D
1	1	2	3	4
2	2	3	4	5
3 … 9	3 … 9	4 … 10	5 … 11	6 … 12
A	10	11	12	13
B	11	12	13	14
C	12	13	14	15
D	13	14	15	16
E	14	15	16	1
F	15	16	1	2
0	16	1	2	3

Pressing any of the switch inputs for more than 10 seconds -> Beep, keep the button pressed for a further second, the actual light levels will be stored to the selected scene (dependent on rotary switch and pressed button), The module will confirmthis action with 2 beeps.

Additional Information and Equipment

DALI-Cockpit – free configuration tool from Lunatone for DALI systems
http://lunatone.at/en/dali-systems/software/

DALI-Manual http://www.dali-ag.org/c/manual_gb.pdf

DALI USB – PC interface for DALI system. The DALI-Cockpit can access DALI components using the DALI USB
http://lunatone.at/en/downloads/Lunatone_Art24138923_DALI_USB_Datasheet_EN.pdf

DALI PS – power supply for a DALI line
http://lunatone.at/en/downloads/Lunatone_Art24033444_DALI_PS_Datasheet_EN.pdf

Contact

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