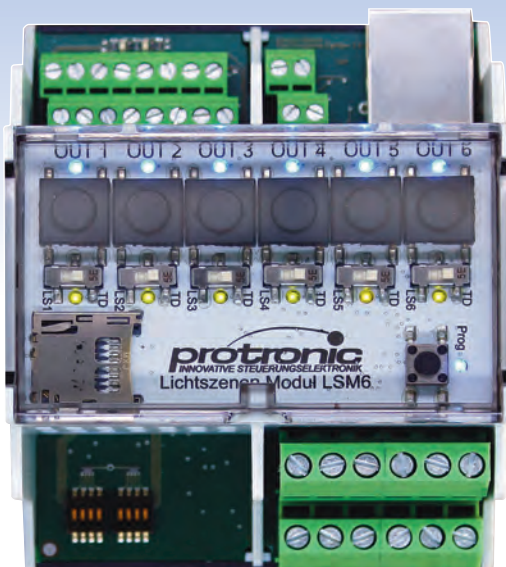


Everything in the proper light

Controlling light through simple and economical innovation

LSM6 light scene module



Creating light scenes

Dimming the lighting

Includes conventional non-dimmable lighting

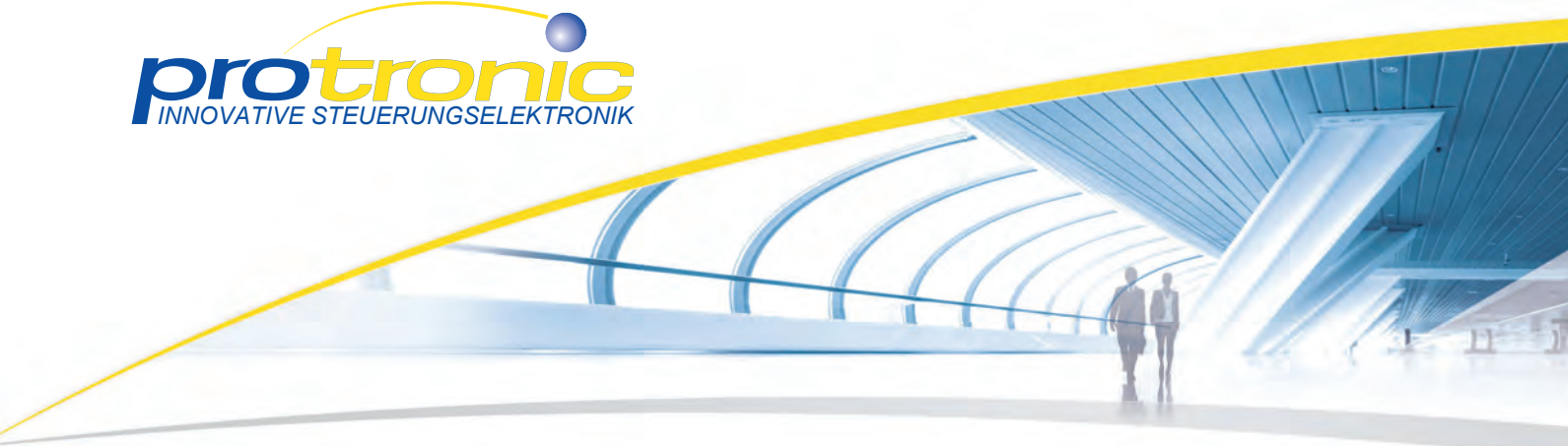
Includes light and movement sensors

Modules for extension

Easy installation and application without further software and hardware

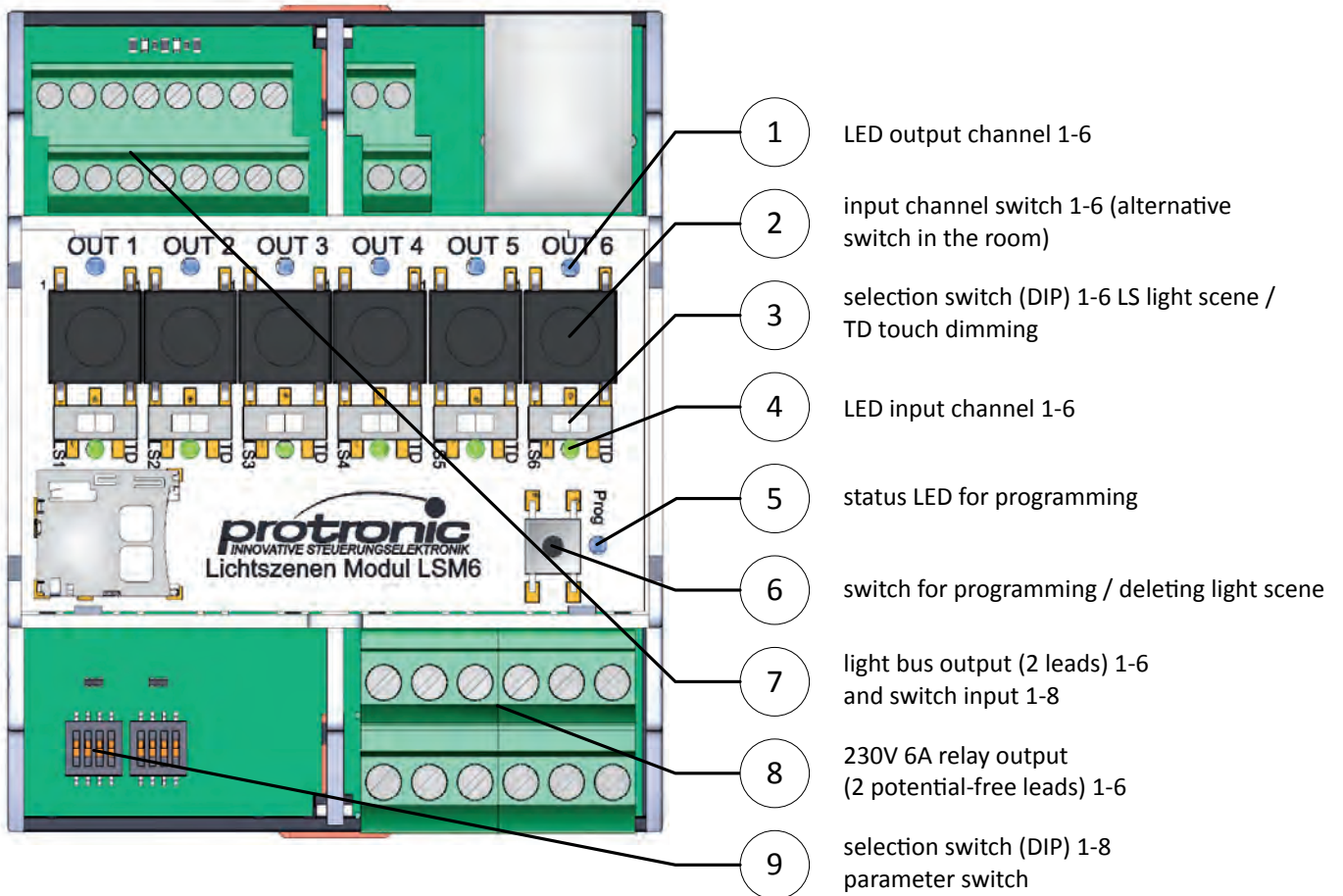
Economical implementation

protronic
INNOVATIVE STEUERUNGSELEKTRONIK



LSM6 light scene module

Controlling light through simple and economical innovation



Extremely easy application and programming using optical display

Operating modes are set using selection switch ③;
LS light scene or TD touch dimming:
In operating mode LED status light ⑤ illuminates blue and
in programming mode LED status light ⑤ blinks blue.

Programming a light scene:
Relevant LED ④ of the corresponding input channel blinks green.
Relevant LED ① of the corresponding output channels blink blue.

Operating mode:
Input channel active, the relevant LED ④
illuminates green.
Output channel active, the relevant LED ①
illuminates blue.

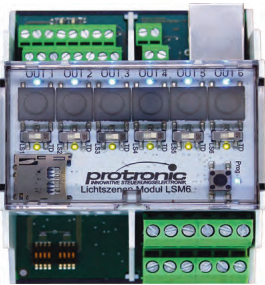


Innovative lighting control with LSM6

The aim is the easy and economical implementation of a programming and controlling concept for individual lighting solutions.

The light scenes include existing dimmable and conventional lighting.

Dimming via light bus and DALI electronic control gears (ECG).



Technical data

Input voltage 3.3V, 24V (via cap rail bus LSM supply)

Input current max 0.2A (3.3V); max 0.75A (24V)

Dimensions: 72mm x 90mm x 61mm (Length x Width x Height)

Connections: 1 x Ethernet
1 x μ SD card
1 x cap rail bus (reverse side)
6 x light buses
(32 operating devices per channel with 2mA each, max 64 mA)

Inputs: connector blocks 1.5mm²
7 x switches
14 x sliding switches
(6 x lower plates, 8 x upper plates)

Outputs: 6 x potential-free relay outputs
(make contact, 2.5 mm², 6A 230VAC)

Signals: 13 x LEDs

Modularity: extendable up to 3 LSM6 modules
via cap rail bus

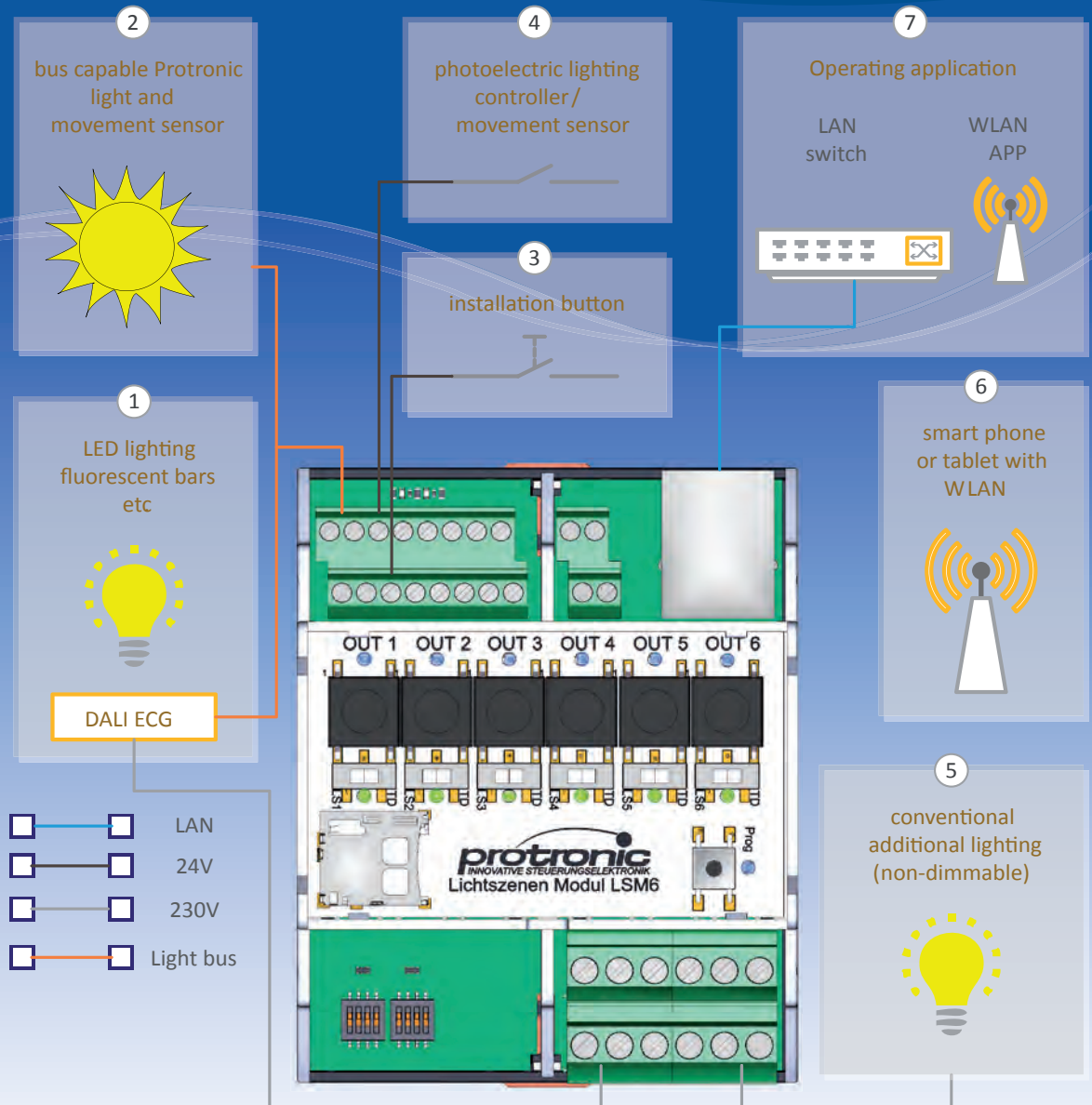
List of compatible devices (according to IEC 62386)

Type of device	Specific requirements of operating devices	Defined in
0	Fluorescent lamps	IEC 62386-201
1	Emergency lighting using single battery	IEC 62386-202
2	Discharge lamps (excl. fluorescent lamps)	IEC 62386-203
3	Low-voltage halogen lamps	IEC 62386-204
4	Supply voltage controller for light bulbs	IEC 62386-205
5	Conversion of digital signal into direct current	IEC 62386-206
6	LED modules	IEC 62386-207



Controlling light through simple and economical innovation

LSM6 light scene module



Explanation of the general arrangement drawing

- (1) Connection of DALI operating devices
 - data channel via light bus connector blocks
 - operating voltage switchable via relay output
- (2) Protronic light and movement sensors supplied via light bus
- (3) Switch input with installation button (make contact) 24V
- (4) Additional 24V switch actuators (movement sensors, photoelectric lighting controller etc.) possible
- (5) Operating voltage of conventional lighting (non-dimmable) switchable via relay output
- (6) Mobile devices access operating websites via overriding WLAN
- (7) Operating application accessed directly via network (LAN) using the web browser

Valid from July 2016