



EAN code  
LIC-1 + SKS: 8595188144933  
SKS photosensor: 8594030337288

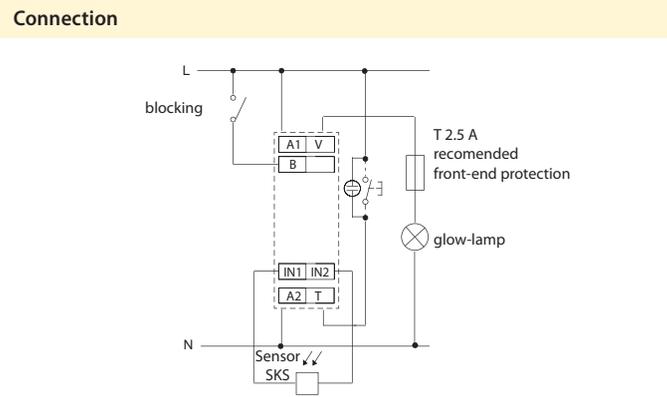
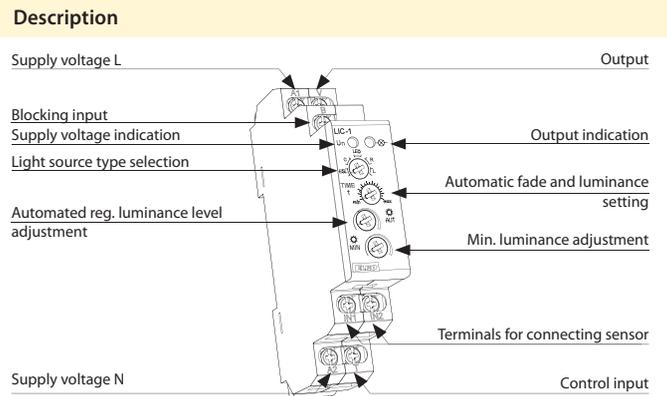
SKS

Technical parameters		LIC-1
Supply terminals:	A1 - A2	
Supply voltage:	AC 230 V / 50 - 60 Hz	
Supply voltage tolerance:	±15 %	
Apparent/loss power input:	max. 1.6 VA / 0.8 W	
Power supply indication:	green LED	
<b>Control</b>		
Button - control. terminals:	A1 - T	
Control voltage:	AC 230 V	
Control input power:	max. 0.6 VA	
Control impulse length:	min. 80 ms / max. unlimited	
Glow tubes connection (terminals: L - T):	Yes	
Maximum number of connected glow lamps the control input:	230 V - max. amount 50 pcs (measured with glow lamp 0.68 mA / 230 V AC)	
Blocking input - terminals:	A1 - B	
Control. voltage:	AC 230 V	
Supply:	max. 0.1 VA	
Connect glow-lamps (terminals L - B):	No	
Impulse length:	min. 80 ms / max. unlimited	
<b>Output</b>		
Output status indication:	2x MOSFET	
Load capacity:*	red LED	
<b>Other information</b>		
Operating temperature:	-20 °C to +35 °C (-4 °F to 95 °F)	
Storage temperature:	-20 °C to +60 °C (-4 °F to 140 °F)	
Operating position:	any	
Mounting:	DIN rail EN 60715	
Ingress protection:	IP 40 from front panel / IP 10 terminals	
Overvoltage category:	III.	
Contamination degree:	2	
Connecting conductor cross-section (mm <sup>2</sup> ):	solid wire max. 2x 2.5 or 1x 4 with sleeve max. 1x 2.5 or 2x 1.5 (AWG 12)	
Dimensions:	90 x 17.6 x 64 mm (3.5" x 0.7" x 2.5")	
Weight:	66 g (2.33 oz.)	

\* Due to a large number of light source types, the maximum load depends on the internal construction of dimmable LEDs and ESL bulbs and their power factor  $\cos \varphi$ . The power factor of dimmable LEDs and ESL bulbs ranges from  $\cos \varphi = 0.95$  to 0.4. An approximate value of maximum load may be obtained by multiplying the load capacity of the dimmer by the power factor of the connected light source.

- Overview of dimmable light sources on page 127
- List of tested light sources can be found here: [www.elkoep.com/solutions/](http://www.elkoep.com/solutions/)

- Automatically regulates the intensity of light in a room.
- External sensor scans the intensity and based on the preset value it decreases or increases the brightness of light.
- Designed for dimming the LED lights, ESL - dimmable energy saving lamps, R - inductive, L - resistive and C - capacitive load.
- Operating status:
  - 1 - Off.
  - 2 - Automatic regulation.
  - 3 - Cleaning (maximum level of illumination).
  - 4 - Setting the minimum lighting brightness.
  - 5 - Setting the desired level of illumination.
- Optional connection of buttons with 50 neon lamps.
- Blocking the automatic control via external signal.
- Power supply 230 V AC.
- 1-MODULE, DIN rail mounting, clamping terminals.



**Function**

T-button control:

- pressing button shortly (< 0.5s) always turns of lamp
- pressing button longer (0.5... 3s) turns on lamp in automatic regulation mode
- pressing button long (> 3s) turns on lamp to full illumination - „cleaner“ mode
- after turning on the power supply, the dimmer is always turned off

Thyristor B:  
serves to block automatic regulation (lamp turns off)  
**WARNING!** The lamp may be turned on in “cleaner” mode even while blocked.  
After ending block mode, the lamp remains off.

