



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	
Control		
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: A1 - 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 A1 - B):	No	
Impulse length:	min. 80 ms / max. unlimited	
Output		
Output status indication:	2x MOSFET	
Output status indication:	red LED	
Load capacity:*	300 W (at $\cos \varphi = 1$)	
Other information		
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:	IP40 from front panel / IP10 terminals	
Overvoltage category:	III.	
Contamination degree:	2	
Connecting conductor cross-section (mm ²):	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.)	

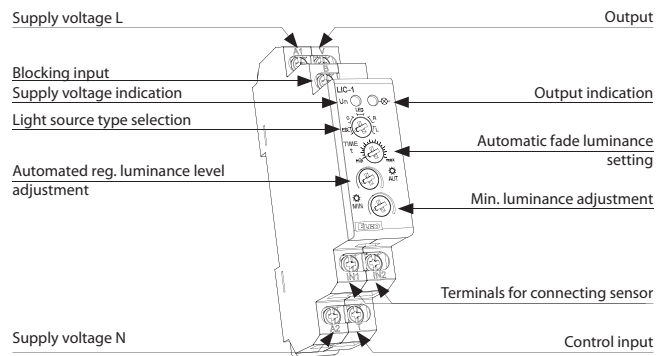
* Due to a large number of light source types, the maximum load depends on the internal construction of dimmable LEDs and ESL bulbs and their power factor $\cos \varphi$. The power factor of dimmable LEDs and ESL bulbs ranges from $\cos \varphi = 0.95$ to 0.4. An approximate value of maximum load may 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 157

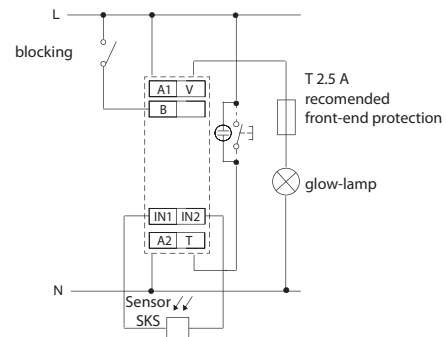
Warning: it is not allowed to connect inductive and capacitive loads at the same time.

- Designed for dimming of incandescent bulbs and halogen lights with wound or electronic transformer, dimmable light bulbs and dimmable LED².
 - 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.
 - 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.
- ² For more information, see page 41

Description



Connection



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.

Symbol

