



EAN code
LIC-1 + SKS-100: 8595188144933
Photosensor SKS-100: 8594030337288

SKS-100

Technical parameters	LIC-1
Supply terminals:	A1 - A2
Supply voltage:	AC 230 V (50/60 Hz)
Burden (unloaded):	max. 1.6 VA/0.8 W
Max. dissipated power:	1 W
Supply voltage tolerance:	±15 %
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
Suply:	max. 0.1 VA
Connect glow-lamps (terminals A1 - B):	No
Impulse length:	min. 80 ms/max. unlimited
Output	
Output status indication:	2x MOSFET
Load capacity:*	300 VA (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.)
Standards:	EN 60669-1, EN 60669-2-1

* 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.

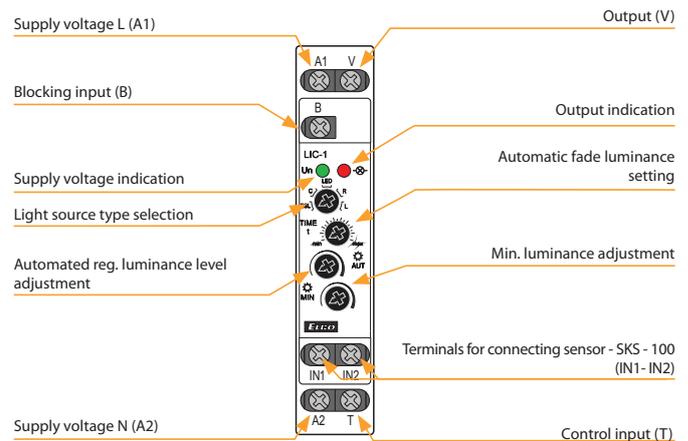
Warning: it is not allowed to connect inductive and capacitive loads at the same time.

- 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.

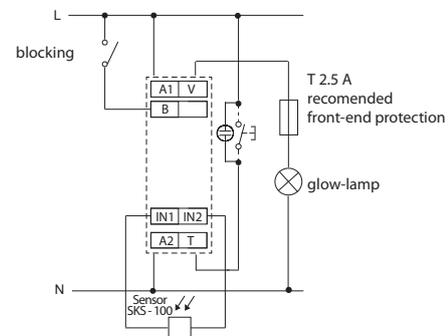
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For more information, see page 75

Description



Connection



Function

T-button control:

- pressing button shortly (< 0.5 s) always turns of lamp
- pressing button longer (0.5 to 3 s) turns on lamp in automatic regulation mode
- pressing button long (> 3 s) 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

