EAN code
DIM-14 /230 V: 8595188135955

Technical parameters	DIM-14
Supply terminals:	A1 - A2
Voltage range:	AC 230 V / 50 Hz
Burden:	1.3 W
Supply voltage tolerance:	-15 %; +10 %
Dissipated power:	6 VA
Indication output:	green LED
Controlling	
Control terminals:	A1 - T
Control voltage:	AC 230 V
Power control input:	AC 0.3-0.6 VA
Impulse length:	min. 80 ms / max. unlimited
Glow-lamps:	Yes
Max. amount of glow lamps connected to controlling input:	230 V - max. amount 20 pcs (measured with glow lamp 0.68 mA / 230 V AC)
Output	
Contactless:	2 x MOSFET
Current rating:	2 A
Resistance load:	500 VA*
Inductive load:	500 VA*
Capacitive load:	500 VA*
Output state indication:	red LED
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
Protection degree:	IP 40 from front panel / IP 10 terminals
Overvoltage category:	III.
Pollution degree:	2
Max. cable size (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:	58 g (2 oz.)
Standards:	EN 60669-2-1, EN 61010-1

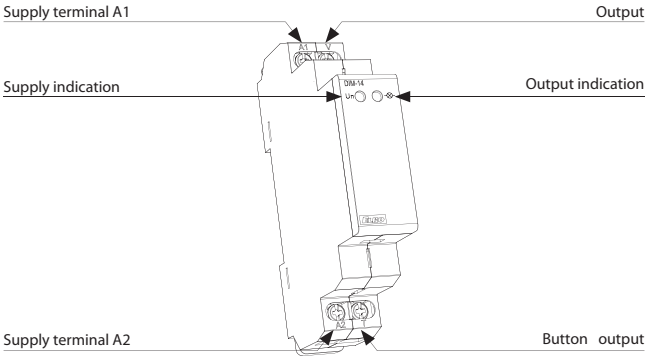
* When load is above 300 VA it is necessary to ensure sufficient cooling.

Recommendation for mounting: leave a gap of min. 0.5 module (approx. 9 mm / 0.4") on side of the device to ensure better cooling of the device.

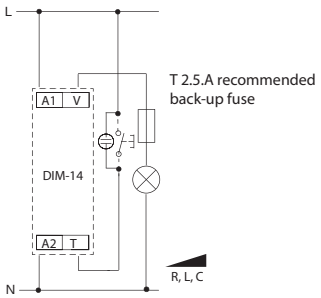
Warning for DIM-14: it is not allowed to connect together loads of inductive and capacitive type in the same time.

- Designed for dimming of incandescent bulbs and halogen lights with wound or electronic transformer.
- For switching and dimming of lights, control inputs for a button.
- Short impulse switches ON/OFF, longer impulse (>0.5s) enables gradual light intensity setting.
- Last intensity level is stored in memory when switched off.
- Voltage range: AC 230 V.
- Output without contacts: 2x MOSFET.
- LED output indicator with any level of brightness possibility of parallel connection of control buttons.
- Resistive, inductive or capacitive load, up to 300 W, for a short term up to 500 W.
- 1-MODULE, DIN rail mounting.
- Electronic overvoltage protection.
- Protection against over-heating inside the device - output off.

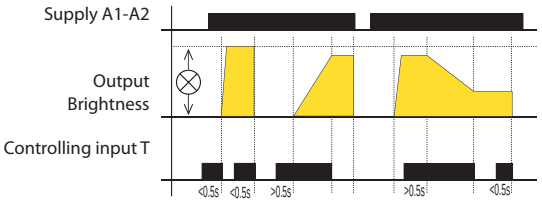
Description



Connection



Function



Symbol