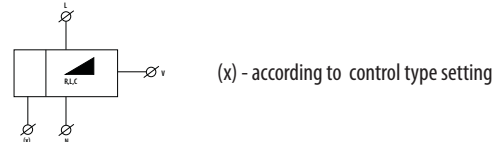


EAN code
DIM-6 / 230V: 8595188136914

Technical parameters	DIM-6
Supply terminals:	L, N
Supply voltage:	AC 230 V / 50 Hz
Input:	10 VA
Tolerance of Voltage range:	-15 %; +10 %
Max. output power:	max. 2 000 VA
Dissipated power:	2.5 % from load
Module extendable:	to 10 000 VA
Galvanic separation of bus and power output:	yes
Isul. volt. between outputs and inner circuits:	3.75kV, SELV according to EN 60950
<u>Control - button type</u>	
Control voltage:	AC 12-240V
Control terminals:	S - S, galvanically separated
Power of control input:	AC 0.53VA (AC 230V), AC 0.025-0.2VA (AC 12-240V)
Length of control impulse:	min. 25ms / max. unlimited
Recovery time:	max. 150ms
Connection of glow lamps:	NO (AC 230V); NO (AC 12-240V)
<u>Control 0(1)-10V:</u>	
Control terminals:	0(1)-10V, GND
Control voltage:	0-10V or 1-10V
Min. current of control input:	1mA
<u>CIB control:</u>	
Control terminals:	CIB+, CIB-
Bus voltage:	27V DC
Current of control input:	5mA
Indication of data transmission:	yellow LED
<u>Output</u>	
Contactless:	4 x MOSFET
Current rating:	10 A
Resistive load:	2 000 VA*
Inductive load:	2 000 VA*
Capacitive load:	2 000 VA*
Indication of output state:	yellow LED, according to load type
<u>Other data</u>	
Operating temperature:	-20 °C to +35 °C (-4 °F to 95 °F)
Storing temperature:	-30 °C to +70 °C (-22 °F to 158 °F)
Operating position:	vertical
Mounting:	DIN rail EN 60715
Protection degree:	IP 40 from front panel
Purpose of control device:	operative control device
Construction of control device:	individual control device
Char. of automatic operation:	1.B.E
Heat and fire resistance cat.:	FR-0
Anti-stroke category (immunity):	class 2
Rated impulse voltage:	2.5 kV
Overvoltage category:	III.
Pollution level:	2
<u>Profile of connecting wires :</u>	
- output part:	max.1x2.5, max2x1.5/ with sleeve max. 1x1.5 (AWG 12)
- control part:	max.1x2.5, max2x1.5/ with sleeve max. 1x2.5 (AWG 12)
Dimensions:	90 x 105 x 65 mm (3.5" x 4.1" x 2.6")
Weight:	410 g (14.5 oz.)
Applying standards:	EN 60669-2-1, EN 61010, EN 55014

- Designed for RLC dimming lights, also available for appliance switching
- DIM-6 can be controlled by: button(parallel button connection), external potentiometer, analog signal 0-10 V (1-10V), INELS system bus.
- Actuator manages output 230 V AC, controlled by 1 semi-conductor. Maximum output power is 2000 VA
- power range can be increased up to 10000 VA , by module DIM6-3M-P
- Electronic overcurrent protection, overvoltage and short-circuit protection.
- Protection against over-heating inside device - switch off output+signalize overheat by flashing red LED.
- 6-MODULE version, DIN rail mounting

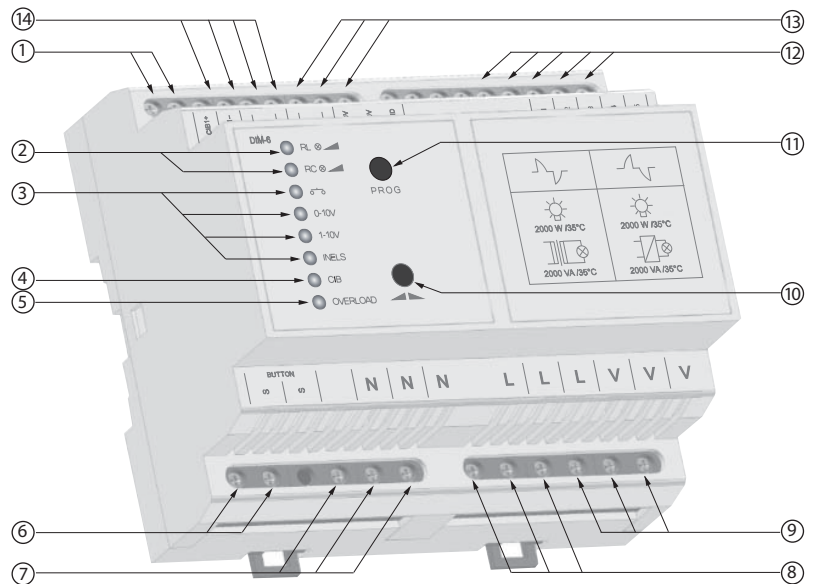
Symbol



Types of indication LED

- RL - Yellow-indicates configuration of load RL
- RC - Yellow-indicates configuration of load RC
- Green-button control mode selected
- 0-10V - Green - 0-10 V signal control mode selected
- 1-10V - Green - 1-10 V signal control mode selected
- INELS - Green - CIB conductor bar-INELS control mode selected
- CIB - Yellow - indicates CIB conductor bar data transfer communication
- OVERLOAD - Red - indicates overload, flashing LED signalizes over-heating inside the device, shinning LED signalizes current overload

Device description



- | | | |
|------------------------------------|---|---|
| ① Terminals for CIB bus connection | ⑥ Terminals for connecting control button | ⑪ Button for output control |
| ② Load type indication | ⑦ Terminals of neutral wire | ⑫ Terminal for additional modul conductor bar |
| ③ Control type indication | ⑧ Terminal for phase conductor connection | ⑬ Terminals for control by signal 0(1)-10V, or by potentiometer |
| ④ CIB data transfer indication | ⑨ Output terminals | ⑭ Terminal for regulation load of wire jumper |
| ⑤ Overload indication | ⑩ Button for output control | |

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