

The MDimmer dimmer is a device used to control the brightness of light sources in LED technology up to 24 V DC. No config required.

Three MOS-FET, outputs
5A kaźde

Intelligent recognition of click patterns

No configuration required

DIN rail housing

Relay output for controlling an additional power supply - saves energy.

High PWM frequency - no flicker in the camera

- 3 independent PWM current outputs with assigned control inputs.
- OC type control inputs – GND input triggers reactions. You can connect buttons, relays, etc.
- Relay output, active when any channel is on—allows you to control an additional power supply.

Adjustment method:

1. Single click → toggles output on/off.
2. Double click → sets output to 40%.
3. Triple click → sets output to 70%.
4. Longer press → adjust brightness.
5. Release and hold → change direction of brightness adjustment.
6. After reaching the extreme brightness level, the output is signaled by flashing or dimming for 0.5s.

Wide range of applications



Technical data

Supply voltage	10 - 24 VDC ±10%	Relay type	RM84-2012
Power consumption	≤ 1,5 W	PWM signal frequency	400Hz
Temperature	Work-30...55°C Storage-30...70°C	Sterowanie wyjściem PWM	Skokowo
Number of output channels	3	Type of output channels	OC (connects GND)
Current capacity of outputs:	4A /channel	Input control	Connect GND (NO)