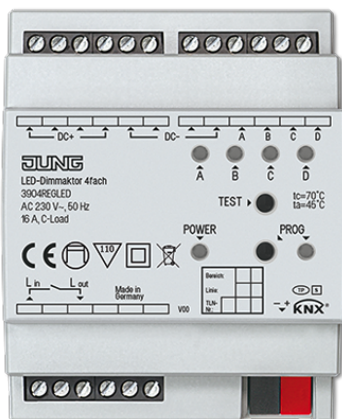


# Product data sheet

## LED dimming actuator 4-gang



### Reference number

3904 REG LED

### KNX LED dimming actuator 4-gang

rail mounting device, 4 rail units

### Intended use

- LED dimmer for controlling LEDs and LED modules 12 – 24 V (pulse width-modulated PWM)
- Mounting on DIN rail according to EN 60715 in distribution boxes

### Product characteristics

- 4 individually configurable LED dimming channels
- Maximum output current of 5 A per channel
- At 24 V DC up to 480 W LED output
- Possible channel combinations:
  - 4 x independent channels
  - 2 x Tunable White channels
  - 2 x independent channels, 1 x Tunable White channel
  - 1 x RGB channel, 1 x independent channel
  - 1 x RGBW channel
- Activation of the colour channels via "HSV" or "RGB"
- Integrated 230 V C-load relay to switch the LED power supply
- Integrated protection with on-site display against:
  - Overcurrent
  - Overvoltage
  - Overtemperature
  - Reverse polarity

### Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50 Hz
Rated current:	16 A (C load)
Power loss:	max. 6 W
<b>Connection</b>	
Connection mode:	screw terminals
single wire:	1 x 2.5 ... 4 mm <sup>2</sup>
stranded without ferrule:	4 mm <sup>2</sup>
stranded with ferrule:	2.5 mm <sup>2</sup>
KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	max. 18.9 mA
Connection, KNX:	terminal
<b>LED</b>	
Connection:	DC 12 ... 24 V SELV < 20 A from device acc. to EN 61347-2-13 for LED modules with constant output voltage
Current consumption:	20 mA
<b>Outputs</b>	

Number:	4
Max. current per output:	5 A
For LED modules with constant input voltage to EN 62031.	
LED modules with shared anode.	
PWM frequency:	488 ... 600 Hz
Cable length:	depending on the cable resistance (voltage drop)
Connection	
Connection mode:	screw terminals
single wire:	4 mm <sup>2</sup>
stranded without ferrule:	4 mm <sup>2</sup>
Mounting width:	72 mm (4 rail units)
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C