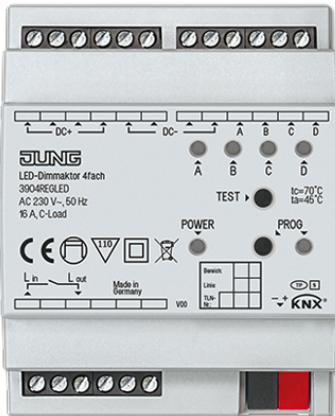


Product data sheet

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
Connection	
Connection mode:	screw terminals
single wire:	1 x 2.5 ... 4 mm ²
stranded without ferrule:	4 mm ²
stranded with ferrule:	2.5 mm ²
KNX medium:	TP 256
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	max. 18.9 mA
Connection, KNX:	terminal
LED	
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
Outputs	

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 ²
stranded without ferrule:	4 mm ²
Mounting width:	72 mm (4 rail unit)
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C