

Product data sheet

LED controller 5-gang



Reference number

39005 1S LED R

KNX LED controller 5-gang

rail mounting device, 4 rail units
with manual electronic operation and LED status indication
project design and commissioning with ETS5 or a more recent version
ETS product family: Illumination
Product type: Dimmer

Intended use

- Dimmer for controlling LEDs, LED modules, LED spots, halogen lamps and incandescent lamps with 5 V ... 48 V (pulse width-modulated PWM)
- Mounting on DIN rail according to EN 60715 in distribution box

Product characteristics

- Dimmer for colour temperature and coloured light control (RGB/HSV)
- Different dimming characteristics settable (soft dimming, deep-down dimming)
- PWM frequency settable (211 ... 1200 Hz)
- Commissioning with display support
- Free configuration of the channels
- Integrated scenes and bit scenes
- Predefined and freely-definable sequences
- Time-controller dimming or Human Centric Lighting (HCL)
- Staircase lighting function
- Disabling function
- Measurement and meter function
- Diagnosis/indication of protection function via KNX group addresses and on display
- Electronic over-temperature protection
- Protection function for LED modules and power supply
- KNX Data Secure compatible with ETS 5.7.3 or higher

Technical data

External supply

Rated voltage:	DC 5 ... 48 V SELV
KNX medium:	TP 256
Commissioning mode:	S-mode
Rated voltage KNX:	DC 21 ... 32 V SELV
Current consumption KNX:	max. 30 mA
Connection, KNX:	connection terminal
PWM frequency:	211 ... 1,200 Hz
Total current over all 5 channels	
at 5 ... 24 V	max. 20 A
at 48 V	max. 10 A
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +75 °C
Relative humidity:	max. 93 % (no condensation)
Mounting width:	72 mm (4 rail units)
Connection	
Connection mode:	screw terminals

single wire:	1 x 0.5 ... 4 mm ²
stranded without ferrule:	1 x 0.5 ... 4 mm ²
stranded with ferrule:	1 x 0.5 ... 2.5 mm ²

