

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 |
| Stora/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 |
| Rated voltage: | DC 5 ... 48 V SELV |

