

RE KNT 008 – 8-channel KNX Dimming Actuator RLC+LED

Description

- Dimming Actuator with 8 output channels, designed for the control of resistive, inductive, capacitive and LED loads.
- Phase-cut dimming technology, both leading and trailing edge, configurable by ETS parameter:
 - 230V dimmable LED Lamps.
 - 12V dimmable LED Lamps with Electronic transformer.
 - Incandescent and 230V Halogens.
 - Halogens with Electronic transformer.
- The 8 channels can be configured as:
 - Independent channels: It allows to control the different output channels independently.
 - Sequencer: The 8 channels are controlled together at the same time with predefined sequences.
- It incorporates a keyboard on its front that allows manual control of each of the channels.
- Protected against overloads and short circuits. It incorporates heating protection with resettable operation.
- It has an LED indicating error due to over-temperature or overload.
- Modular housing (8 modules width), for DIN-rail mounting.
- Programming and commissioning via ETS5 or later versions.
- Built-in KNX Bus Coupler Unit (BCU).



Technical Data

Reference	RE KNT 008
Nominal voltage	230V~ 50Hz
Consumption from mains	< 1,5W
Supply from KNX Bus	21 ~ 32VDC
Consumption from KNX Bus	< 3mA
Commissioning	ETS5 or later
KNX Media	TP1
Maximum load per channel	
· Incandescence & 230V Halogens	4 ~ 250W
· 12V Halogens with Electronic Transfo	20 ~ 250W
· 230V Dimmable LED Lamps Leading-edge	4 ~ 120VA
· 230V Dimmable LED Lamps Trailing-edge	4 ~ 250W
· 12V LED Lamps with Electronic Transfo	10 ~ 250W of Transformer
Output Channels	8
Configuration mode	System Mode
Mounting	DIN-rail
Dimensions	8 modules, 140 x 60 x 90
Working Temperature	-5°C ~ +45°C
Protection degree	IP20 (EN60529)
Directives	Low-voltage 73/23/EEC EMC 204/108/EC
According to the Standards	KNX Standard 2.0 EN60669-1, 2-1, 2-3

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Dimensions



Wiring Diagram

