

## Description

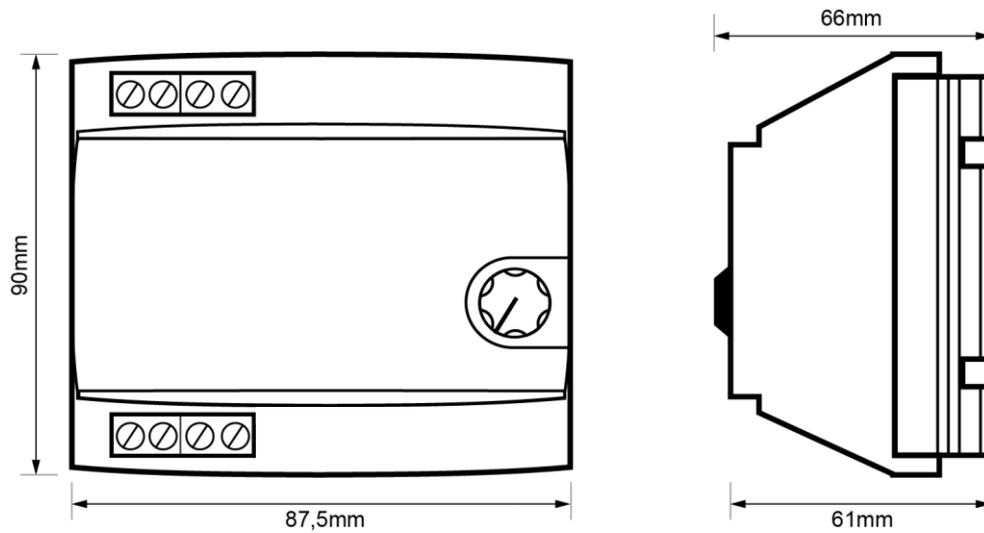
- 4-channel Dimming Actuator for:
  - Incandescence and 230V Halogen lamps.
  - LV Halogen lamp with electronic transformer.
  - Dimmable 230V LED lamps.
  - Dimmable 12V~ LED lamps (electronic transformer).
- Leading or Trailing edge dimming technology.
- Optional manual dimming control by built-in potentiometer (even without bus connection).
- Protected against overloads and short-circuits. Built-in resettable heating protection.
- Modular installation device. DIN-rail mounting.
- 5-modules wide.
- Anti-panic input for safety systems: disabling this input, the lamps will turn on to the maximum brightness ignoring the dimming.
- Built-in KNX BCU (Bus Coupler Unit).
- Programming and commissioning by ETS4 or later.



## Technical Characteristics

Reference	RE KNT 004	
KNX Power Supply	21 ~ 32V <sub>DC</sub> (via Bus)	
External Power Supply	230V~ 50Hz	
Channels	4	
Insulation Voltage	4kV <sub>AC</sub> (bus/mains voltage)	
Load per channel	230V LED lamps dimmable by Leading edge	4 ~ 120W
	230V LED lamps dimmable by Trailing edge	4 ~ 250W
	12V LED lamps (with Electronic Transfo)	10W ~ 280W of Transformer
	Incandescent and 230V Halogens	4W ~ 300W
	12V Halogens with Electronic Transfo	20VA ~ 280W
	12V Halogens with Ferromagnetic Transfo	-
	Compact Fluorescent lamps	-
Connection Type	TP1 KNX Bus connector	
Commissioning	ETS4 or later	
Mounting	DIN 46277 rail mounting	
Safety	Short-circuit, Overload and Over-heating	
Dimensions	5 modules wide. 87,5 x 65mm	
Working Temperature	-5°C ~ +45°C	
Protection Degree	IP20, according to EN60529	
Directives	Low-voltage 73/23/EEC EMC 204/108/EC	
According to the Standards	KNX 2.0 EN60669-1, 2-1 & 2-3	

### Dimensions



### Wiring Diagram

