

Description

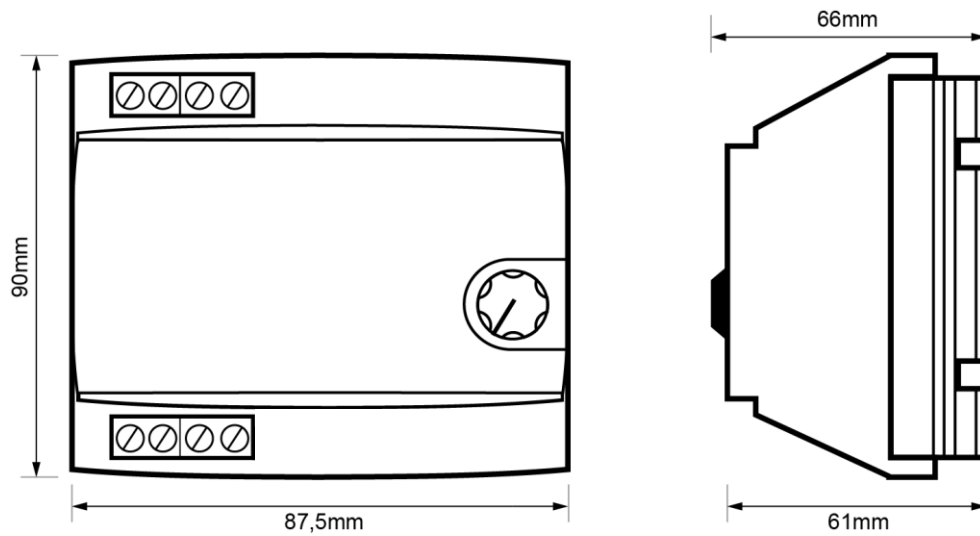
- 4-channel Dimming Actuator for:
 - Incandescence and 230V Halogen lamps.
 - LV Halogen lamp with electronic transformer.
 - Dimmable 230V LED lamps.
 - Dimmable 12V~ LED lamps (electronic transformer).
- Leading or Trailing edge dimming technology.
- Optional manual dimming control by built-in potentiometer (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 Data

Reference		RE KNT 004
KNX Power Supply		21 ~ 32V _{DC} (via Bus)
External Power Supply		230V~ 50Hz
Channels		4
Insulation Voltage		4kV _{AC} (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

