RE KNT 000
1-channel Universal Dimming Actuator

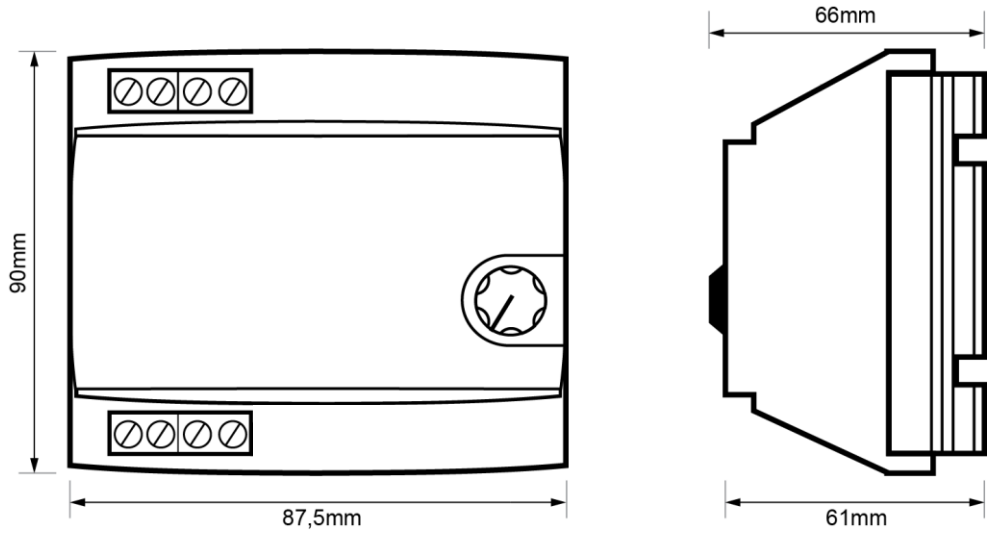
Description

- Universal Dimming Actuator for:
  - · Incandescence and 230V Halogen lamps.
  - · LV Halogen lamp with ferromagnetic transformer.
  - · LV Halogen lamp with electronic transformer.
  - · Dimmable 230V LED lamps.
  - · Dimmable 12V~ LED lamps (electronic transformer).
  - · Dimmable Compact Fluorescent lamps.
- Leading or Trailing edge dimming technology.
- 1 channel with a maximum load capacity of 1.000W.
- 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 ETS3 or later.

Technical Data

Reference		RE KNT 000
KNX Power Supply		21 ~ 32V_{DC} (via Bus)
External Power Supply		230V~ 50Hz
Channels		1
Insulation Voltage		4kV_{AC} (bus/mains voltage)
Load	230V LED lamps	7 ~ 300W
	12V LED lamps (with Electronic Transfo)	≤18 Transfo & 1lamp/transfo
	Incendescent and 230V Halogen	100W ~ 1000W
	12V Halogens with Electronic Transfo	100W ~ 1000W
	12V Halogens with Ferromagnetic Transfo	100W ~ 800W
	Compact Fluorescent lamps	20W ~ 400W
Connection Type		TP1 KNX Bus connector
Commissioning		ETS3 or later
Mounting		DIN 46277 rail mounting
Safety		Short-circuit, Overload and Over-heating
Dimensions		5 modules wide. 87,5 x 65mm
Working Temperature		-5ºC ~ +45ºC
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