

Description

- 1-channel Universal Dimming Actuator, in small housing.
- Phase control dimming technology (leading- or trailing-edge), being valid for different types of load RLC+LED:
 - 230V~ Dimmable LED lamps
 - 12V~ Dimmable LED lamps with electronic transformer
 - Incandescence and 230V Halogens
 - 12V Halogens with electronic transformer
- It has 4 Analog/Digital inputs, which can be configured independently, through the ETS:
 - Digital inputs (binary): allows the connection of a pushbutton, switch or conventional binary sensor, free-voltage contact.
 - Analog inputs: allows the connection of a temperature probe (ST KNT 001 or ST KNT 002).
 - Motion Detector: by connecting the sensor DM KNT 004.
- Each of the four inputs has the following functions: Switch, Switch/Dimmer, Multiple Dimmer, Sequential Switch, Blind Control, Scene Control, Fixed/Forced Function, Counter and Temperature Sensor.
- In addition, it allows to enable and configure up to 4 independent Thermostats.
- It admits the connection of an Auxiliary Pushbutton (D) for the control of the Dimming Actuator or of another different actuator. Its functionality must be parameterized through the ETS.
- Protected against overloads and short circuits. It incorporates heating protection of resettable operation.
- Mounting into junction box.
- Built-in Bus Coupler Unit (BCU).
- Programming and commissioning by ETS5 or later versions.



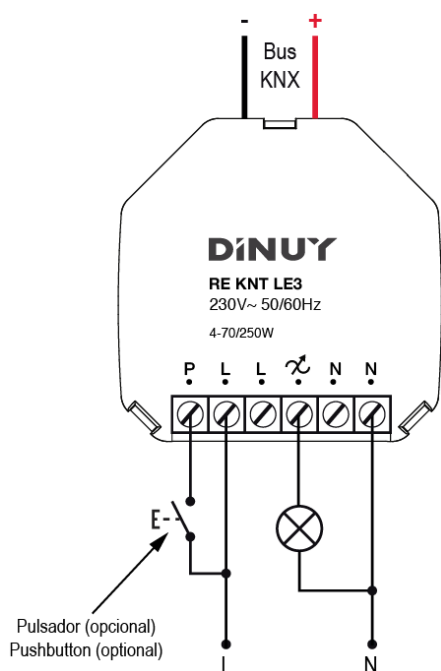
Technical Data

Reference		RE KNT LE3
Power supply		230V _{CA} 50/60Hz
Consumption		< 0,7W
KNX	Rated Voltage	21 ~ 32V _{DC}
	Power consumption	< 3mA
	Connection mode	Connection terminal
	Programming	ETS5 or later
	Medium	TP1
Inputs	Commissioning mode	System Mode
	Number	4
	Type	Binary or Analogs
	Length of cable	30cm
	Max. Length of cable	< 10m
	Poll voltage	20V _{DC}
Outputs	Input current	0,5mA
	Channels	1 dimming channel
	Load capacity 230V LED Lamps (dimnable by leading-edge)	4W ~ 70W

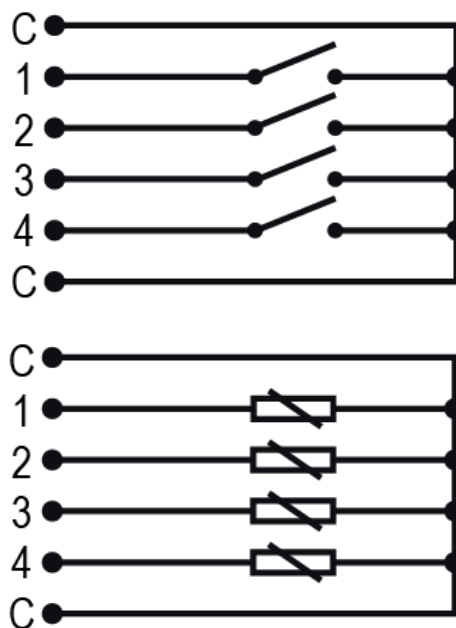
	230V LED Lamps (dimnable by trailing-edge) 12V LED Lamps (with Electronic transfo) Incandescence & 230V Halogens 12V Halogens (with Electronic transfo) 12V Halogens (with Inductive transfo)	4W ~ 250W 10VA ~ 250VA (of transformer) 250W 10VA ~ 250VA (of transformer) Does not admit
	Cable section	< 2,5mm ²
Dimensions	46 x 46 x 29mm	
Type of protection	IP20 (EN60529)	
Working temperature	-5°C ~ +45°C	
Directives	Low Voltage 73/23/EEC EMC 204/108/EC	
According to the Standards	KNX Standard 2.0 EN60669-1, 2-1 y 2-3	
Marking	EIB/KNX	

Wiring Diagrams

· Output:



· Inputs:



DM KNT 004

