Description

- 1-channel KNX RF S-Mode wireless Dimming actuator for LED lamps.
- Allows upgrading the KNX installation without placing KNX bus wires.
- Operates in KNX RF+ protocol in System-Mode.
- Communication with the KNX Bus must be carried out using a KNX / KNX RF S-Mode media coupler: "CO K5X 002".
- Power supply: 230V$_{AC}$ 50/60Hz.
- Valid for dimmable LED lamps, Incandescent and Halogen lamps.
- Different functions which can be configured with ETS:
  · Type of dimming: leading or trailing edge.
  · Time of soft on and off.
  · Maximum and minimum dimming level.
  · Behavior after on telegram.
- Staircase time switch and Sequential operation modes.
- Auxiliary Pushbutton input with configurable operation.
- It incorporates the KNX-RF signal repeater function (optional), which allows extending the distance between transmitters and receivers.
- Adjustable behavior in case of bus voltage failure.
- 5 pre-configured scenes.
- Flush mounted in junction box.
- Programming and commissioning by ETS5 via the KNX-RF+ USB stick "CO K5X 001".

Technical Data

Reference	RE K5X LE1
Power Supply	230V$_{AC}$ 50/60Hz
Output Dimming Rating	
230V LED lamps dimmable by Leading-edge	4W ~ 100W
230V LED lamps dimmable by Trailing-edge	4W ~ 250W
12V dimmable LED lamps with Electronic Transfo	250W (of transformer)
Incandescence & 230V Halogens	250W
12V Halogen lamps with Electronic Transfo	250W
12V Halogen lamps with Inductive Transfo	Does not admit
KNX Medium	KNX RF 1.R
Radio-frequency	868,3MHz
Transmission Power	< 10dBm
Range	In the free field: 100m // Indoors: 30m
Number of Outputs	1
Application Software	ETS5
Commissioning Mode	System-Mode
Mounting	Flush-mounting within universal box
Dimensions	46 x 46 x 30mm
Protection Degree	IP20
According to the Standards	EN60669-2-1
Compatible with	IEC14543-3

Wiring Diagrams

868,3 MHz
Pra < 10 dbm
KNX RF 1.R

DINUY

RE K5X LE1
230V~ 50/60Hz   ε

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Auxiliary Pushbutton
(optional)

L
230V~ 50/60Hz
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