

Description

- 1-channel KNX RF S-Mode wireless Dimming actuator for 1/10V_{DC} Drivers or Ballasts, with LED or Fluorescence lighting.
- 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.
- 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 010
Power Supply	230V _{AC} 50/60Hz
Consumption	<5W
Type of Load	1/10V _{DC} Drivers or Ballasts
Relay Breaking Capacity	5A / 250V
Maximum Capacity	1150VA
1/10V Maximum Input Current	500mA
1/10V Maximum Output Current	250mA
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

