

# DINUY

Brighten up your day



KNX System Catalogue  
**2024**





# KNX: The Global Standard

KNX is a leading communication protocol for efficient home and building automation and control, internationally recognized for its standardization and versatility. With over 500 manufacturers adopting this standard, the KNX International Association in Brussels oversees its development and ensures interoperability among certified devices.

**KNX is the international standard for home and building automation, ensuring comfort, safety, and energy efficiency.**

The growing demand for comfort, safety, and energy efficiency in homes, offices, schools, residences, hospitals, etc., has made automation indispensable. KNX addresses this challenge by simplifying the complexity of intelligent control through a common communication and programming system for all devices, from lighting and climate control to security and energy management.

Flexibility and customization are maximized with KNX, allowing programming from basic lighting control to the logical integration of a wide range of devices. KNX makes building automation and customization accessible and efficient, taking comfort and versatility to the highest level.



# The Benefits of KNX

The global KNX standard offers unique advantages for all professionals and users. Through the intelligent communication of all distributed devices via a bus wiring system, it is uniquely able to provide all the possibilities that a conventional installation cannot offer in terms of flexibility, adaptability, security, comfort and energy efficiency.



## Future-Proof Guarantee

KNX offers a future-proof automation solution, thanks to its global standardization. It is compatible with devices of different generations and manufacturers.



## Energy Savings and Efficiency

Automation and intelligent management contribute significantly to energy savings and operational efficiency, achieving up to 40% savings.



## System Flexibility and Scalability

It allows expansions and transformations according to needs, adapting to both new projects and renovations.



## Ease of Use and Installation

The ETS software, known for its user-friendliness, provides a single commissioning tool with an intuitive and user-friendly interface, simplifying the installation and configuration process.



## Versatility and Customization

Creation of personalized environments at any stage of the project, through the automatic adjustment of lighting, blinds, and climate control, providing a perfect adaptation to user preferences.



## Guaranteed Compatibility

KNX products ensure communication between devices from different manufacturers, facilitating complete and efficient integration.



## Visualization and Remote Control

KNX offers the ability to visualize and manage all home or building systems from mobile devices or computers, allowing monitoring both inside and outside the building.



## Cost-Effective Investment

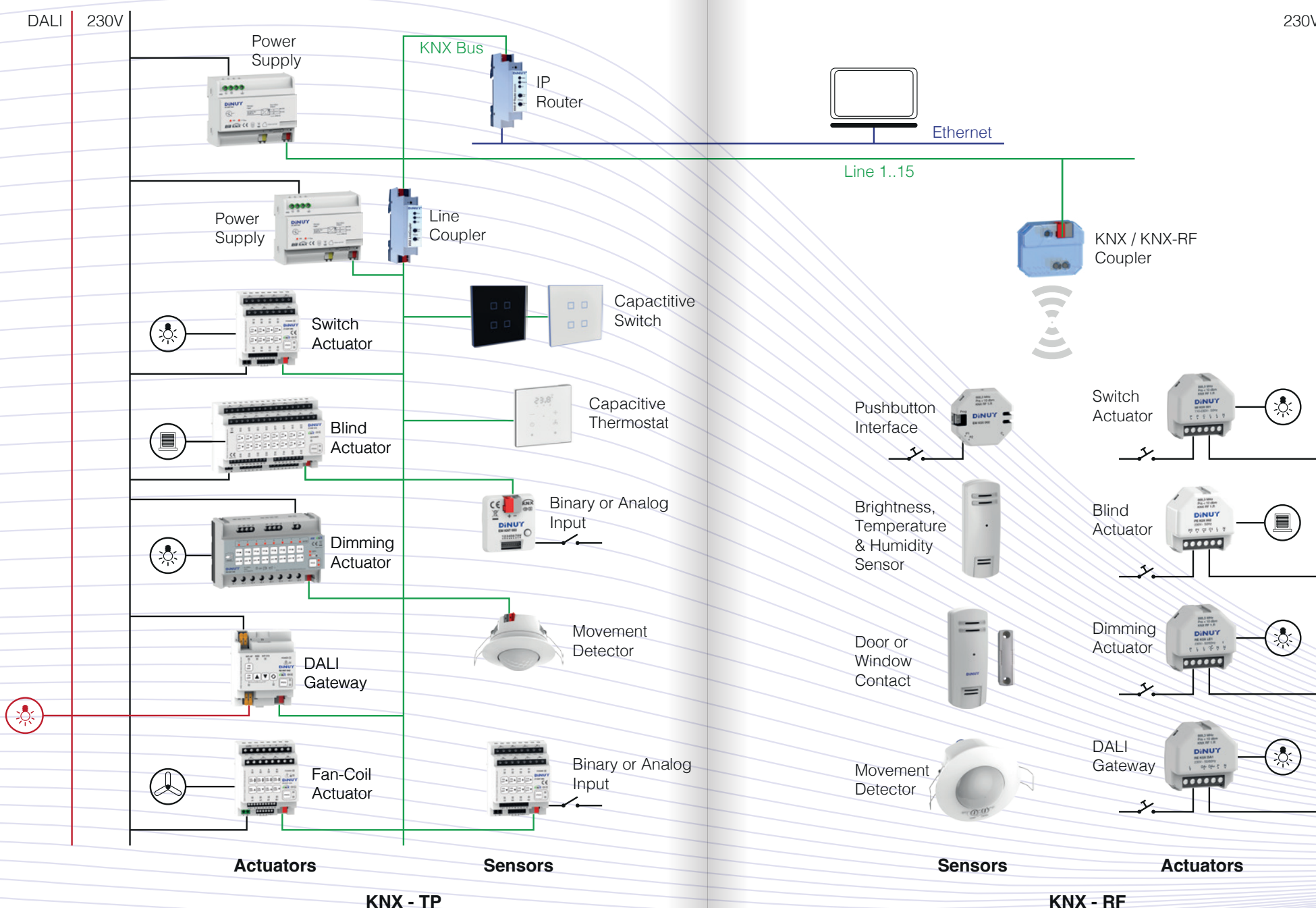
A system with a long lifespan and scalable, it allows projects to be executed in phases or to recover the investment when there are architectural changes in the building by reprogramming the devices.

# The KNX solution

DINUY, as a recognized member of the KNX Association both in Brussels and Spain, is dedicated to the design, development, and manufacturing of intelligent devices with communications based on the international KNX® protocol standard.

Within the KNX system, we offer a wide variety of solutions for installation via bus and radio frequency, the latter being particularly suitable for renovations or complex architectural conditions.

Our priority is to provide specific applications that integrate standard, reliable, and secure technology, focusing on design, robustness, and reliability to propose innovative products for projects.



We offer a complete solution for the management of lighting, blinds and awnings, climate control, capacitive push buttons, and now also remote control of the installation.

## Lighting Control

Lighting control based on the presence of people and constant regulation according to natural light levels provide a high level of comfort for the user.

## Blind and Awning Control

The intelligent and automatic management of these devices not only provides comfort and well-being but also contributes to efficient use of energy in lighting and climate control.

## Climate Control

The integration of heating or climate control systems based on user presence allows efficiencies of up to 30%.



# Design and Confort

The Laüka collection is a range of multifunctional KNX capacitive push buttons, designed and manufactured by DINUY. It consists of four touch push buttons from which direct functions can be assigned to control lighting, operate blinds, or memorize customized scenes. Additionally, they include a temperature sensor, a thermostat function, and a proximity sensor configurable from the ETS.

## Finishes and Design

The Laüka capacitive push buttons have been created to meet the needs of modern furnishing environments, with a glass surface in black or white finishes, which can be combined with a frame in copper and chrome material. The RGB illuminated frame design brings modernity and innovative style to the room, providing decorative backlighting.

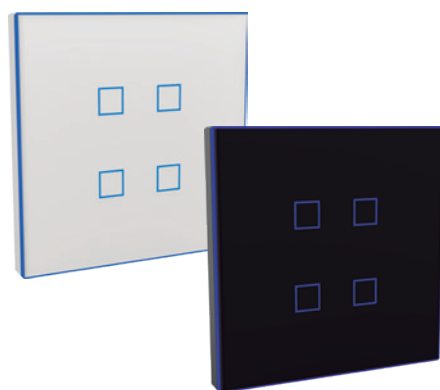
## Quality and Precision

The quality of the product is reflected in the precise craftsmanship of its materials, creating a robust and durable unit. The LED indicators on the touch buttons ensure perfect functionality both day and night.

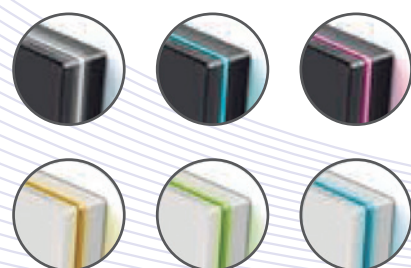
The Laüka capacitive push buttons are designed with quality materials such as glass, copper and chrome.

## Configurable Icons

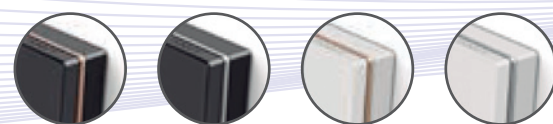
Decide the design of your Laüka! Every project is unique, and sometimes so are the management needs; therefore, Laüka push buttons allow icon customization and the addition of your logo.



## Glass Finishes + RGB Lighting



## Glass Finishes



Black - Copper    Black - Chrome    White - Copper    White - Chrome



Access the CONFIGURATOR via the QR code.

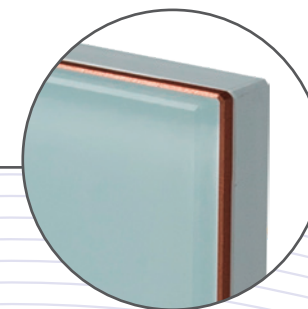


## Simple and Secure Installation

Laüka push buttons are quick and easy to install in a universal mechanism box, requiring only two KNX bus cables.

The following features stand out:

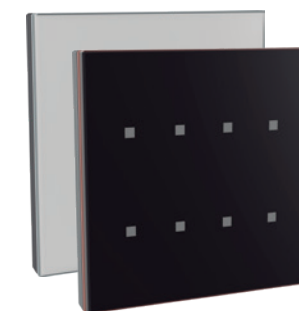
- Glass touch surface
- **2 mm thick, extra-flat glass**
- 4 touch zones
- Programmable, illuminated LED control icons
- Integrated temperature sensor and thermostat function
- Proximity sensor



Examples of Customized Push buttons

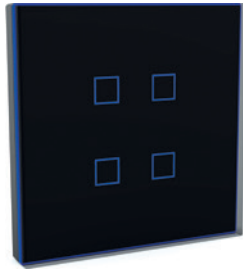
## The LaükaDot Range

This range of KNX capacitive push buttons features a unique design that not only provides the elegance of glass in black and white finishes, along with frames in copper and chrome, but also offers a higher performance with push buttons ranging from 2, 4, 6, to 8 keys.



## PU KNT 001/002/003

Laüka Capacitive Button BLACK



- Capacitive multi-function button with four keys and black glass.
- Built-in temperature sensor and thermostat function.
- Proximity detector (PU KNT 002 and PU KNT 003).
- Customisable icons: <https://dinuy.com/es/configurador-lauka/>
- Assembly in universal mechanism box.

REFERENCE	DESCRIPTION
PU KNT 001	Capacitive button in black glass 4 keys and RGB trim
PU KNT 002	Capacitive button in black glass 4 keys and copper trim
PU KNT 003	Capacitive button in black glass 4 keys and chromium trim

## PU KNT 006/007/008

Laüka Capacitive Button WHITE



- Capacitive multi-function button with four keys and white glass.
- Built-in temperature sensor and thermostat function.
- Proximity detector (PU KNT 007 and PU KNT 008).
- Customisable icons: <https://dinuy.com/es/configurador-lauka/>
- Assembly in universal mechanism box.

REFERENCE	DESCRIPTION
PU KNT 006	Capacitive button in white glass 4 keys and RGB trim
PU KNT 007	Capacitive button in white glass 4 keys and copper trim
PU KNT 008	Capacitive button in white glass 4 keys and chromium trim

## PU KNT PR1/PR2

Contactless Proximity Button



- Glass proximity button with 1 output channel, which enables control over lighting and blinds, while also allowing the option of memorising and restoring scenes with no need to come into contact with the mechanism's surface.
- Built-in temperature sensor.
- They incorporate 2 RGB LEDs.
- Adjustable sensitivity sensor.
- Assembly in universal mechanism box.

REFERENCE	DESCRIPTION
PU KNT PR1	Contactless proximity button, black glass and copper trim
PU KNT PR2	Contactless proximity button, white glass and chromium trim

## PU KNT 102/104/106/108

LaükaDot Capacitive Button BLACK



- Capacitive multi-function button with two, four, six or eight keys and black glass.
- The light points, which indicate the location of the key areas, offer it a light, modern touch.
- Built-in temperature sensor and thermostat function.
- Brightness sensor.
- Assembly in universal mechanism box.

REFERENCE	DESCRIPTION
PU KNT 102	Capacitive button in black glass 2 keys and copper trim
PU KNT 104	Capacitive button in black glass 4 keys and copper trim
PU KNT 106	Capacitive button in black glass 6 keys and copper trim
PU KNT 108	Capacitive button in black glass 8 keys and copper trim

## PU KNT 112/114/116/118

LaükaDot Capacitive Button WHITE



- Capacitive multi-function button with two, four, six or eight keys and white glass.
- The light points, which indicate the location of the key areas, offer it a light, modern touch.
- Built-in temperature sensor and thermostat function.
- Brightness sensor.
- Assembly in universal mechanism box.

REFERENCE	DESCRIPTION
PU KNT 112	Capacitive button in white glass 2 keys and chromium trim
PU KNT 114	Capacitive button in white glass 4 keys and chromium trim
PU KNT 116	Capacitive button in white glass 6 keys and chromium trim
PU KNT 118	Capacitive button in white glass 8 keys and chromium trim

## TM KNT 001/002

Touch Glass Capacitive Thermostat



- Touch temperature controller in white glass.
- Includes six touch keys:
  - Desired temperature.
  - Thermostat On/Off.
  - Fan speed (TM KNT 001) or HVAC mode (TM KNT 002).
  - Two keys: free configuration.
- Display showing the current/setpoint value for temperature and humidity.
- Four door/window or external temperature sensor contact inputs.
- Relative humidity sensor.
- Assembly in universal mechanism box.

REFERENCE	DESCRIPTION
TM KNT 001	Touch glass capacitive thermostat White for FanCoil with 2 buttons
TM KNT 002	Touch glass capacitive thermostat White for HVAC with 2 buttons

## EM KNT 001

### Input Interface



- Interface with four binary inputs or LED outputs.
- The binary inputs can be connected to buttons, switches or detectors with potential-free contact.
- The outputs can be used to control powered LED indicators.
- Installation into universal mechanism or junction box.

REFERENCE	DESCRIPTION
EM KNT 001	Interface with 4 binary inputs/outputs

## EM KNT 002

### Input Interface



- Interface with four binary or analogue inputs.
- The binary inputs can be connected to buttons, switches or detectors with potential-free contact.
- The analogue inputs can be connected to external temperature sensors.
- It incorporates four built-in thermostats.
- Installation in universal mechanism or junction box.

REFERENCE	DESCRIPTION
EM KNT 002	Interface with 4 binary/analogue inputs

## EM KNT 003

### Input Interface



- Interface with eight long-distance binary inputs.
- These inputs can have a cable distance of up to 200m.
- The binary inputs can be connected to buttons, switches or detectors with potential-free contact.
- Installation in universal mechanism or junction box.

REFERENCE	DESCRIPTION
EM KNT 003	Interface with 8 long-distance binary inputs

## DM KNT 001

### 360° Ceiling Motion Detector



- PIR motion detector with built-in brightness sensor.
- Coverage: 360° and diameter of 7 m at height of 2.5 m.
- Functions: motion detector, constant brightness control, photoelectric switch and temperature sensor.
- Recessed assembly in false ceiling.

REFERENCE	DESCRIPTION
DM KNT 001	KNX motion detector

## DM KNT 004

### 360° Ceiling Motion Detector



- PIR motion detector with built-in brightness sensor.
- Coverage: 360° and diameter of 7 m at height of 2.5 m.
- The motion detector must be connected to one of the inputs of the EM KNT 002, EM K5X 004, RE KNT LE3 or IR KNT 044.
- Recessed assembly in false ceiling.

REFERENCE	DESCRIPTION
DM KNT 004	Motion detector compatible with: EM KNT 002, RE KNT LE3, EM K5X 004 or IR KNT 044

## DM KNT 003

### Mechanism Box Motion Detector



- PIR motion detector with built-in brightness sensor.
- Coverage: 200° and 8 m at height of 1 m.
- Functions: motion detector, constant brightness control, photoelectric switch and temperature sensor.
- Recessed assembly in universal mechanism box.

REFERENCE	DESCRIPTION
DM KNT 003	KNX motion detector



## IT KNT 001

Switch / Blinds Actuator



- Mixed switch and blinds actuator with two output channels.
- It has two potential-free outputs with a maximum switch capacity of 16 A per channel.
- Switching with zero-crossing control, which enables the control of large loads.
- Manual control of its outputs thanks to its potentiometers on the front.
- Timer, forced, logic, threshold and setting functions.
- DIN rail assembly (1 mod).

REFERENCE	DESCRIPTION
IT KNT 001	Switch/blinds actuator with 2 channels



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TECHNOLOGY  
DINUY

## PE KNT 001

Switch / Blinds Actuator



- Mixed switch and blinds actuator with two output channels.
- Has two potential-free outputs with a maximum switch capacity of 16 A per channel. Switching with zero-crossing control, which enables the control of large loads.
- Four binary/analogue inputs.

REFERENCE	DESCRIPTION
PE KNT 001	Switch/blinds actuator with 2 channels and 4 inputs



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TECHNOLOGY  
DINUY

## PE KNT 002

Switch / Blinds Actuator



- Mixed switch and blinds actuator with two output channels.
- Has two potential-free outputs with a maximum switch capacity of 10 A per channel.
- Switching with zero-crossing control, which enables the control of large loads.
- Four binary/analogue inputs.

REFERENCE	DESCRIPTION
PE KNT 002	Switch/blinds actuator with 2 channels and 4 inputs



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TECHNOLOGY  
DINUY

## IT KNT 004

Switch / Blinds Actuator



- Mixed switch and blinds actuator with four output channels.
- Has potential-free outputs with a maximum capacity of 16 A per channel.
- Switching with zero-crossing control.
- Manual forcing of each channel via buttons.
- Has eight binary inputs + four binary/analogue inputs.
- The binary inputs can be up to 200 m in length.
- Four thermostat functions, eight logic, centralised control, setting, time functions, etc.
- DIN rail assembly (4 mod).

REFERENCE	DESCRIPTION
IT KNT 004	Switch/blinds actuator with 4 channels and 12 inputs



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TECHNOLOGY  
DINUY

## IT KNT 008

Switch / Blinds Actuator



- Mixed switch and blinds actuator with eight output channels.
- Has potential-free outputs with a maximum capacity of 16 A per channel.
- Switching with zero-crossing control.
- Manual forcing of each channel via buttons.
- Has eight binary inputs + four binary/analogue inputs.
- The binary inputs can be up to 200 m in length.
- Four thermostat functions, eight logic, centralised control, setting, time functions, etc.
- DIN rail assembly (4 mod).

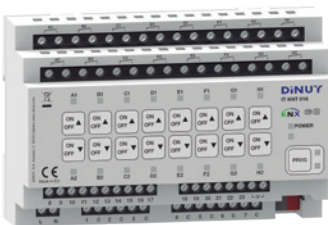
REFERENCE	DESCRIPTION
IT KNT 008	Switch/blinds actuator with 8 channels and 12 inputs



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TECHNOLOGY  
DINUY

## IT KNT 016

Switch / Blinds Actuator



- Mixed switch and blinds actuator with 16 output channels.
- Has potential-free outputs with a maximum capacity of 16 A per channel.
- Switching with zero-crossing control.
- Manual forcing of each channel via buttons.
- Has 16 binary inputs + seven binary/analogue inputs.
- The binary inputs can be up to 200 m in length.
- Seven thermostat functions, 16 logic, centralised control, setting, time functions, etc.
- DIN rail assembly (8 mod).

REFERENCE	DESCRIPTION
IT KNT 016	Switch/blinds actuator with 16 channels and 23 inputs



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DINUY

## IR KNT 044

Switch and Dimming Actuator with Inputs



- Master Room with 4 Switching channels, 4 Dimming channels and 12 Inputs.
- The switch channels can act as:
  - Four ON/OFF channels.
  - Two blinds/shutters.
  - One fan-coil with two pipes and on/off valve.
- Has four potential-free outputs with 16 A per channel and ZCT (Zero-Crossing Technology) switching.
- The dimming channels allow controlling up to 4 LED Strips or 1 RGBW Strip.
- Has eight long-distance (200 m) binary inputs and four binary/analogue inputs.
- Up to four heating/cooling thermostats.

REFERENCE	DESCRIPTION
IR KNT 044	Multi-function switch/blinds/fan-coil actuator with 4 channels, and LED RGBW strip dimmer with 4 channels and 12 binary/analogue inputs



## RE KNT LE3

Universal RLC+LED Dimming Actuator



- Universal RLC +LED dimming actuator with one output channel.
- Suitable for LED lamps, LED strips 230 V, incandescent and halogen lamps.
- Maximum capacity 250 W.
- Has four analogue/digital inputs.
- Has four heating and/or cooling control thermostats.
- Assembly in junction box.

REFERENCE	DESCRIPTION
RE KNT LE3	RLC+LED dimming actuator with 1 channel and 4 inputs

## RE KNT 000

Universal RLC+LED Dimming Actuator



- Universal RLC +LED dimming actuator with one or four output channels.
- Suitable for LED lamps at 230 V or 12V, LED strips 230 V, incandescent and halogen lamps.
- Maximum capacity 1000 W.
- Manual control thanks to its front potentiometer.
- DIN rail assembly (5 mod).

REFERENCE	DESCRIPTION
RE KNT 000	RLC+LED dimming actuator with 1 channel

## RE KNT 004

Universal RLC+LED Dimming Actuator



- Universal RLC +LED dimming actuator with one or four output channels.
- Suitable for LED lamps at 230 V or 12V, LED strips 230 V, incandescent and halogen lamps.
- Maximum capacity 250 W per channel.
- Manual control thanks to its front potentiometer.
- DIN rail assembly (5 mod).

REFERENCE	DESCRIPTION
RE KNT 004	RLC+LED dimming actuator with 4 channels

## RE KNT 008

Universal RLC+LED Dimming Actuator



- Universal RLC +LED dimming actuator with eight output channels.
- Suitable for LED lamps at 230 V or 12 V, LED strips 230 V, incandescent and halogen lamps.
- Maximum capacity 250 W per channel.
- Manual control thanks to its front button pad.
- DIN rail assembly (8 mod).

REFERENCE	DESCRIPTION
RE KNT 008	RLC +LED dimming actuator with 8 channels

## RE KNT 110

1-10 V Dimming Actuator



- RE KNT 110: 1-10 V dimming actuator with three output channels and one relay per channel, allowing the power supply to be disconnected from the drivers.
- Manual control thanks to its front potentiometer.
- DIN rail assembly (5 m).

REFERENCE	DESCRIPTION
RE KNT 110	1-10 V dimming actuator with 3 channels



## RE KNT DA1

KNX/DALI Broadcast Gateway



- KNX-DALI gateway with three broadcast output channels.
- Option of controlling up to 64 DALI drivers per channel and 128 in total.
- Manual control thanks to its front potentiometer.
- DIN rail assembly (5 un).

REFERENCE	DESCRIPTION
RE KNT DA1 	DALI dimming actuator with 3 broadcast channels

## RE KNT DA2

KNX/DALI Gateway



- KNX-DALI gateway with one addressable output channel.
- Option of controlling up to 64 DALI drivers that can be associated in up to 16 groups.
- Up to 16 settings and sequence configuration.
- Simple and intuitive DALI addressing via web server, with WiFi Access Point, WiFi Station and Ethernet connectivity.
- RGB, RGBW and Tunable White (DT8) control.
- Manual broadcast activation thanks to its front button pad.
- DIN rail assembly (4 un).

REFERENCE	DESCRIPTION
RE KNT DA2 	KNX-DALI Gateway with 1 addressable channel




## RE KNT RGB

RGBW Dimming Actuator



- PWM dimming actuator to control LED strips 12-48 VCC.
- The four channels can be configured as four independent channels for single-colour LED strips, and an RGBW channel, or as a RGB+W channel.
- High capacity, with a maximum of 10 A per channel and 40 A in total.
- Manual control thanks to its front potentiometer.
- DIN rail assembly (5 mod).


REFERENCE	DESCRIPTION
RE KNT RGB 	RGBW LED Strip dimming actuator with 4 channels

## FA KNT 001

Power Supply



- Power supply of 640 mA.
- Generates the voltage of the KNX bus.
- The bus line is isolated from the mains voltage via a filter built into the power supply.
- Has a second 30 VDC voltage output with no filter.
- DIN rail assembly (4 mod).

REFERENCE	DESCRIPTION
FA KNT 001 	Power supply 640 mA with auxiliary output

## CO KNT LC1

KNX Secure Line Coupler



- Connects two KNX segments, for example, a line with a KNX area. Has an extended filter table for the main group 0..31.
- Guarantees galvanic isolation between lines.
- Enables long frames and is compatible with ETS® 5.7 or higher.
- Has keys that enables telegram filtering to be disabled for testing.
- LED operation or communication error indicators.
- Compatible with KNX Data Security.

REFERENCE	DESCRIPTION
CO KNT LC1 	Secure line coupler in compact format

## CO KNT IPI

KNX IP Secure Interface



- Interface between LAN (IP, Ethernet) and KNX, and can be used as a programming interface for ETS®.
- Interface that enables access to the KNX bus from any point in its LAN and allows the KNX bus to be programmed via the internet.
- Can be used as an ETS® programming interface and can manage long frames.
- Its keys and LEDs enable local diagnostics.
- Compatible with KNX IP Security and KNX Data Security, which protects the device from unauthorised access via the KNX bus.

REFERENCE	DESCRIPTION
CO KNT IPI 	KNX IP Secure Interface in compact format

## CO KNT IPR

### KNX IP Secure Router



- Allows the forwarding of telegrams between different lines via a LAN (IP) network as a fast backbone.
- Has an extended filter table for the main group 0.31 and stores up to 150 telegrams.
- Can be used as a programming interface.
- Compatible with KNX IP Security and KNX Data Security, which protects the device from unauthorised access via the KNX bus.
- As a Secure Interface (tunneling), it prevents unauthorised access to the system. The connection between PC and interface is encrypted.
- The IP address can be assigned via DHCP or the ETS®.
- Its keys and LEDs enable local diagnostics.

REFERENCE	DESCRIPTION
CO KNT IPR 	KNX IP Secure router in compact format

## CO KNT 002

### USB KNX Programming Interface



- KNX-USB communication interface for programming and start-up.
- Establishes two-way communication between the PC and the bus.
- USB connector with galvanic isolation from the bus.
- Can be used as a programming interface for the ETS® software version 3 (or higher) and enables long frames.



REFERENCE	DESCRIPTION
CO KNT 002 	USB / KNX programming stick

## ST KNT 001/002

### Temperature Sensors



- NTC temperature sensor for the analogue inputs of DINUY devices.
- Has a cable 4 m (ST KNT 001) or 0.5 m (ST KNT 002) long.



REFERENCE	DESCRIPTION
ST KNT 001 	Temperature sensor ø7 mm for analogue inputs
ST KNT 002 	Temperature sensor ø5 mm for analogue inputs

## EM K5X 002/004

### Universal Interface



- EM K5X 002: Battery-operated interface with 2 binary inputs. Battery life cycle greater than eight years. Features a “Battery Status” communication object.
- EM K5X 004: 230V-operated interface with 4 binary/analogue inputs powered by 230 V. Has four heating and/or cooling control thermostats.
- Programming and start-up via ETS5, or higher.



REFERENCE	DESCRIPTION
EM K5X 002 	KNX-RF interface for button with 2 inputs, battery-operated
EM K5X 004 	KNX-RF interface with 4 binary/analogue inputs at 230 V

## SE K5X 002/010

### Temperature, Humidity and Brightness Sensor



- Temperature, brightness or relative humidity sensor.
- Alarms for temperature, sun protection/brightness and humidity.
- Portable or can be fixed to a surface.
- Battery-operated, 2 x 3 V CR2032, with a life cycle greater than eight years.
- Features a “Battery Status” communication object.
- Programming and start-up via ETS5, or higher.

REFERENCE	DESCRIPTION
SE K5X 002 	KNX RF temperature, and humidity multi-sensor
SE K5X 010 	KNX-RF temperature, brightness and humidity multi-sensor

## SE K5X 003

### Door/Window Contact



- Wireless sensor that detects when a door or window is opened and closed.
- Comprised of a sensor/transmitter and a magnet.
- Installed on the frame and on the door/window itself using adhesive (included) or screws.
- Dimensions: 78 x 28 x 23mm.
- Battery-operated, 2 x 3 V CR2032, with a life cycle greater than 12 years.
- Features a “Battery Status” communication object.
- Programming and start-up via ETS5, or higher.

REFERENCE	DESCRIPTION
SE K5X 003 	KNX-RF door/window contact sensor



## SE K5X 005

Temperature Sensor with Probe



- Wireless temperature sensor with external probe. Specially designed for use in underfloor heating.
- Over-heating and cooling alarm.
- Has thermostat function.
- Powered by mains supply, 230 V.
- Programming and start-up via ETS5, or higher.

REFERENCE	DESCRIPTION
SE K5X 005	KNX-RF temperature sensor with probe

## DM K5X 001

360° Motion Detector



- Wireless motion detector with infrared technology, for recessed assembly in false ceiling.
- Brightness sensor.
- Coverage: 360° and Ø7m at height of 2.5 m.
- Battery-operated.
- Programming and start-up via ETS5, or higher.

REFERENCE	DESCRIPTION
DM K5X 001	360° KNX-RF battery-operated ceiling motion detector

## MI K5X 001

Switch Actuator



- 1-channel switching actuator.
- It incorporates ZCT (Zero-Crossing Technology), enabling it to control large loads.
- Creation and recovery of five settings.
- Has conventional button input.
- Powered by mains.
- Maximum reach of RF signal 100 m in open air.
- RF signal repetition.
- Assembly in junction box.

REFERENCE	DESCRIPTION
MI K5X 001	KNX-RF switch actuator with one channel, 16 A per channel



## PE K5X 001

Switch/Blind Actuator



- Switch actuator with two channels or blinds actuator with one channel to control Venetian blinds, roller blinds or ventilation flap.
- ZCT (Zero-Crossing Technology), which enables the control of large loads.
- Has four binary/analogue inputs.
- Powered by mains.
- Has up to four heating/cooling thermostats.
- Reach of RF signal 100 m in open air.

REFERENCE	DESCRIPTION
PE K5X 001	KNX-RF switch/blinds actuator with 2 output channels and 4 inputs



## PE K5X 002

Switch/Blinds Actuator



- Switch actuator with two channels or blinds actuator with one channel to control Venetian blinds, roller blinds or ventilation flap.
- ZCT (Zero-Crossing Technology), which enables the control of large loads.
- Has two conventional button inputs.
- Powered by mains.
- Reach of RF signal 100 m in open air.

REFERENCE	DESCRIPTION
PE K5X 002	KNX-RF switch/blinds actuator with 2 channels



## RE K5X LE1

Universal RLC+LED Dimming Actuator



- Actuator with one channel that allows the dimming of RLC+LED loads: LED lamps 230 V or 12V, incandescent lamps or halogen lamps 230 V or 12 V.
- Maximum capacity 250 W.
- Creation and recovery of five settings.
- Has conventional button input.
- Powered by mains.
- Maximum reach of RF signal 100 m in open air.
- RF signal repetition.
- Assembly in junction box.

REFERENCE	DESCRIPTION
RE K5X LE1	KNX-RF RLC LED dimming actuator with one channel

## RE K5X LE2

LED Strips Dimming Actuator



- Actuator with one channel that enables PWM dimming of LED strips 12-48 V.
- Maximum capacity 8 A (12 V: 96 W // 24 V: 192 W).
- Creation and recovery of five settings.
- Has conventional button input.
- Powered by 12-48 V.
- Maximum reach of RF signal 100 m in open air.
- RF signal repetition.
- Assembly in junction box.

REFERENCE	DESCRIPTION
RE K5X LE2	KNX-RF dimming actuator For LED strips with 1 channel

## RE K5X RGB

LED Strips Dimming Actuator



- Actuator with three channels that enables PWM dimming of LED RGB strips 12-48 V.
- Option of controlling one RGB strip or three single-colour LED strips.
- Maximum capacity 5 A per channel.
- Has four binary/analogue inputs.
- Maximum reach of RF signal 100 m in open air.

REFERENCE	DESCRIPTION
RE K5X RGB	KNX- RF dimming actuator for LED RGB strips with 3 channels

## RE K5X 010/DA1

1-10 / DALI Dimming Actuator



- RE K5X DA1: DALI interface with one broadcast output channel for 64 devices.
- RE K5X 010: 1-10 V dimming actuator with one output channel. Has a 5 A relay to cut the power supply to drivers.
- Has one conventional button input.
- Powered by mains.
- Reach of RF signal 100 m in open air.

REFERENCE	DESCRIPTION
RE K5X 010	KNX-RF 1-10 V dimming actuator with 1 channel
RE K5X DA1	KNX-RF DALI dimming actuator with 1 channel

## CO K5X 001

USB / KNX-RF interface



- Interface that establishes two-way communication between a PC and the KNX bus installation.
- Enables wireless access to a KNX installation from PC or laptop, for example, for addressing, programming or diagnostics through ETS5.
- Enables programming and start-up of KNX-RF sensors and actuators.
- No additional software required, other than ETS5.
- Power supplied via USB port.

REFERENCE	DESCRIPTION
CO K5X 001	USB / KNX-RF Programming Interface

## CO K5X 002

KNX-RF / KNX-TP Coupler



- Coupler to connect KNX-RF wireless devices with the KNX bus (KNX-PT).
- In addition to its main function as a coupler, the device can also be used as a KNX-RF repeater to enhance the wireless reach within a KNX-RF wireless system.
- Power supplied via USB port.

REFERENCE	DESCRIPTION
CO K5X 002	KNX / KNX-RF coupler

## AM K5X 001

KNX-RF Signal Repeater



- Wireless signal repeater that enables the distance between sensors and actuators to be increased.
- Increased radio coverage in KNX wireless networks.
- Up to three consecutive repeaters can be installed in the same facility.
- No additional programming required.
- Powered by the mains 230 V~ 50 Hz.

REFERENCE	DESCRIPTION
AM K5X 001	KNX-RF signal repeater



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