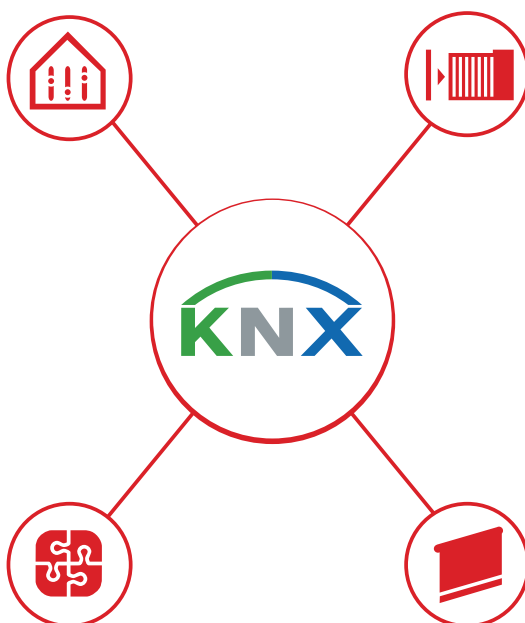# Home Automation

Home automation

V2 is aware that every situation is unique and has different requirements. This is why it has integrated its technological and standard devices perfectly in any situation, from a residential to company context, from public to hospitality activities. The Konnex standard enables V2 products to interact with complex networks and offer users maximum functionality without forgetting comfort and practicality.

Konnex is a standard used around the world.
This standard is used to easily facilitate connection between products and KNX devices from different brands and sectors.

Modular development: the Konnex standard works in sub-sets which can later be inserted in broader and more complex systems.

Thanks to the V2 KNX-01 module, automatic devices can be integrated in any KNX network for gates, road barriers and garage doors.

V2 also integrates within the KNX network for shutters and awnings, providing an entire range of tubular motors.

KNX V2

V2 is officially part of the Konnex consortium, the international standard that enables implementation of energy efficient, comfortable and flexible systems in a home or tertiary building.
Using professional software ETS distributed by KNX Association, the V2 devices for building automation can work with all products using this standard.

Using the V2 DHOM supervisor, you can control and monitor devices connected to your Konnex network also from remote. V2 DHOM allows you to create different scenarios according to user requirements and manage network automatons in a pre-set manner.

V2 KNX-01

The module that integrates on any KNX network, allowing management and monitoring of the status of V2 devices connected. V2 KNX-01 offers numerous functions to enable transmission of information, including:
- the status of the gate
- the version of the command station and the relevant firmware

V2 KNX-01 is equipped with a FLAT cable to connect the ADI connector of the V2 devices and BUS LINE KNX input.

MODEL	CODE
V2KNX-01	161225

LEX-KNX

Tubular gearmotors equipped with integrated KNX interface.

- The range of LEX-KNX tubular motors is composed of three models: 20-40-50 Nm, to activate both shutters and awnings
- Power supply at 185-265 Vac 50-60 Hz and low consumption in standby (0.35 W)
- Obstacle detection: if an obstacle is detected during the closure phase of the shutter, the device re-opens the shutter completely.
- Button with integrated led to manage the limit switch programming
- Local activation using normally open button

MODEL	CODE
LEX-KNX20	27B312
LEX-KNX40	27B313
LEX-KNX50	27B314

V2 POWER-KNX

Bus power supply unit perfect to create a new KNX domestic network

- Assembly on 35 mm DIN bar
- Width 72 mm (4 modules)
- Nominal voltage 110 ÷ 230 VAC 50/60 Hz, 110 VDC
- KNX bus output 30 VDC - 640mA
- 3 LED status indicators
- Thermal protection

MODEL	CODE
V2POWER-KNX	172805

V2 KNX-03

Actuator device that allows lights to be switched on and motors activated in response to commands by sensors or other command devices connected on the bus. You can control single relays or work in a combined manner (scenarios).

- Bistable ENEC certified relay (maximum instantaneous current 120A)
- Assembly on 35mm bar, width 70mm (4 modules)
- 6 contacts 16A-250VAC, individually configurable N.A. and N.C.
- LED indicator for each output
- Logical functions for each channel
- Scenarios management
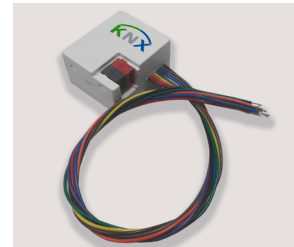

MODEL	CODE
V2KNX-03	161227

V2 KNX-02

The V2 KNX-02 4-input interface is an input device that can be inserted in a flush box.
4 inputs are available which can be connected to powerless contacts (buttons, switches, sensors, etc.) and 4 outputs capable of powering a led. For each of the 4 channels, the function can be independently chosen which can be performed.

The device can perform numerous functions, including:
- SWITCH function: on pressing the connected button, activation messages are sent on the bus which can be an on/off type (for example to switch on a light), numerical (to position automated devices in specific positions) or strings (particular uses).
- DIMMER function: as well as switch on, it enables adjustment of light brightness installed for this function.
- BLIND function: commands raising or lowering of the shutter, both total or in steps, and allows orientation of the slats.
- HVAC function: allows you to control the various functions of an air conditioning unit.

MODEL	CODE
V2KNX-02	161226

V2 DHOM

A supervision webserver

V2 DHOM is a webserver capable of interacting with numerous devices, to offer a unique management environment for technological and thermotechnical, security and multimedia systems.

V2 DHOM perfectly adapts to all the installation environments: residential, tertiary, industrial, hospitality and hospital.

For more complex installation, the additional V2 DHOM PLUS licence is available with 600 addresses and a series of additional functionalities, including graphic maps.

Home automation scenarios

Thanks to V2 DHOM, scenarios can be created for each event, so they are conditioned by external or environmental factors (quantity of light, time of day, rain) based on appropriate sensors, or based on the settings assigned by the user (time, commands, etc.).

Attention to consumption

Thanks to the specific devices, the system can read consumption and with loads control ensure excess current is avoided.

MODEL	CODE
V2 DHOM-01	161228
V2 DHOM PLUS (licence)	21A004

V2 DHOM 01	V2 DHOM PLUS
150 addresses	600 addresses
Simple and immediate configuration	Complete configuration with graphic maps
Suitable for apartments and small systems	Suitable for big houses and large systems

OS INDEPENDENT

V2 DHOM can be managed from any device with an internet browser or using the dedicated app. V2 DHOM has templates available to it and allows fast importing of the structure of your KNX system via ETS.

domotics x love