V – Control of window blinds, curtain rails, marquees etc.

An intelligent installation allows far more effective control of window blinds, curtain rails, windows and gates than a traditional installation. Central control, executed from any chosen point of the house, and the option of programming automatic events, provide comfort and security (i.e. as presence simulation).

After the family leaves the house, external blinds close, curtains are raised not to gather too much dust, temperature is lowered, and ventilation switches to minimum power. The user will be informed by a warning signal of any window or security blind still open.

variety of possibilities of shutting the curtains

One can find on the polish market products to shut curtains that cater to various needs – rails for ordinary curtains, vertical and horizontal blinds, vertical blinds, external as well as internal security blinds, special draped curtains and duette blinds, as well as roof and wall windows. All of them may be automatically controlled thanks to built-in motors.

electric curtain rails

Electric curtain rails allows for remote-controlled, automatic closing and opening of curtains. They can be open/closed fully or only to a certain point. These options are useful for the simulation of presence of house inhabitants, as well as for their personal comfort.
Technical details of electric curtain rails:

- Rail length: 1-7 m (*two rails may be joined together*)
- Cross section: 32x28 mm
- Maximum curtain height: 600 cm
- Maximum curtain weight: 500 g/m² - 45kg
- Motor power: 30(45) W
- Nominal voltage: 230 V
- Motor dimensions: 60x50x234 (262) mm
- Movement speed: 13(19)-27 cm/s

A selected model allows movement of the curtain by hand.

A selected model includes limit switches protecting against motor damage.
Examples

- Window blind slats can always be adapted so that the room is bright, but taking care that the sunlight isn't blinding and allows work at the computer or watching TV.
- The security blinds are rolled down when the sunlight heats the room too much.
- The blinds are raised when sunlight allows to save of energy.
- At dusk, the blinds, windows and security blinds are closed to protect the family from foreign eyes peering in from the outside.
- The opening of the driveway gate makes the lamps at the driveway leading to the garage come on.
- During strong wind, the control unit of the marquees will draw them in to protect them from damage.
- Sensors control the windows, doors, gates, and report any malfunction. At request they can also provide reports via phone or the Internet.
- One remote control unit in the car keys can control both its alarm unit as well as the driveway gate and garage door. It can also start the driveway and garage lights and arm the alarm system (disarming is suggested to be executed by manual code entry).
Other guidebooks by this author

**How to make your house intelligent? (an e-mail training course in 20 parts)**

This is the only free publication on the market to gather all basic information about intelligent home systems in a reader-friendly guide form. The guide is targeted primarily at persons building or designing a house or flat, but also at specialists and designers who would like to get to know the basics or have them all together in one publication. The guide has over 160 pages and is distributed via e-mail in 20 parts (with the option of downloading it in whole). You can read more and sign in at [www.smarthome.eu/general-guide](http://www.smarthome.eu/general-guide)

**How not to forget that one little cable?**

Do you know that forgetting one little cable can cause you to break down your walls again and cause the family to complain that you weren't diligent enough to read the list of over 200 cables that you need to account for when designing the installation for your house? Learn more about this guide and order it at [www.smarthome.eu/order-cables-guide](http://www.smarthome.eu/order-cables-guide)

**How to create a KNX design and installation?**

Installation specialists and smart home system designers often seek answers to these and many related questions regarding the design and implementation of KNX systems. Browsing hundreds of pages of general material is time-consuming and ineffective. This, however, can be avoided. Learn more about this guide and order it at [www.smarthome.eu/order-design-guide](http://www.smarthome.eu/order-design-guide)

**How to Pick and Choose KNX Equipment?**

There are now over 10000 devices and appliances for the KNX system offered by over 400 manufacturers. How to handle all of this? How to pick the device to best suit user expectations? From among over 10000 units, this guide, on over 100 pages, contains descriptions and/or images of over 200 or the most interesting devices and their uses, including a handful of practical tips. Find out more about this guide and order it at: [www.smarthome.eu/order-units-guide](http://www.smarthome.eu/order-units-guide)

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Ready Design Plans

A KNX system design for a house of 200 sq m

Based on this design you will learn how to execute other smart home designs and installations. The smart electric installation on its own (the design includes others as well) for a house of 200 sq m contains 171 modules in the switch cabinet, 130 cables running from the cabinet to the building, and several thousand connections. An experienced designer needs about 112 hours of work to create such a design. The time and money saved through the use of ready elements - this would be enough to calmly recommend the smart system design specifically to you.

Learn more about this guide and order it at www.smarthome.eu/order-plans-pdf

KNX system design - ETS files

Thanks to this, you can implement changes and load ready programs to devices according to your system within a few hours. You can be certain that everything will work correctly. This set consist ETS database and project files and list of functions implemented in typical 200m2 house.

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