



velbus[®] makes
life
easy

Smart Home



catalog **en**

Lighting & Heating

**feels
like home,
thinks
like home**



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Product list

 **velbus**[®] makes
life
easy

feels like home, thinks like home Velbus, your carefree home solution

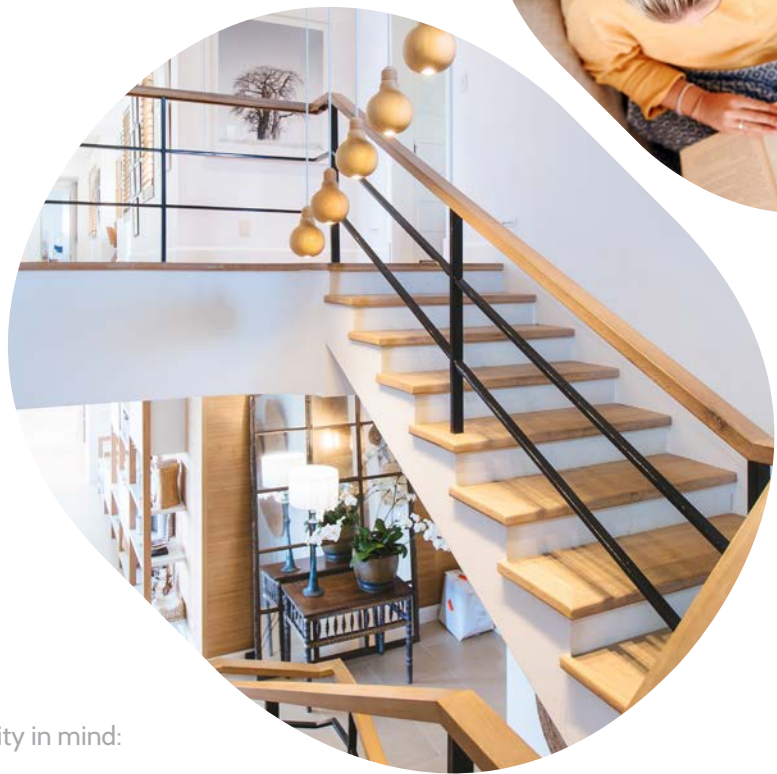
Could you imagine your life without the internet? Almost unthinkable right? New technologies are an essential part of your life today, and they surely will be tomorrow. All these technologies have a common goal: to make your life easier. Think about home automation for example. Install Velbus and discover the benefits of a smart home.

Who doesn't enjoy coming home in a nice warm living room? Velbus allows you to remotely control your thermostat, lighting, awnings and much more, enhancing control, convenience and comfort while reducing energy bills.

Use Velbus today to create your home of tomorrow. Velbus offers reliable, safe and limitless possibilities. Every Velbus module works independently. This allows you to easily combine multiple functions with just one push of a button. And if you'd like to add or change an option, the only thing you need to do is reconfigure the modules to your liking. Velbus solutions are designed to simplify your life.

A Velbus system is easy to install, use and expand. If your home already has a home automation system, you can install Velbus while keeping your existing installation. Could it be any easier?





Designed simplicity

Your comfort is our main concern.
This is why Velbus is designed with simplicity in mind:

Easy to install

First, have a home automation professional install your Velbus system. When done, you can configure the system yourself or ask the installer to do it.

Easy to connect

The modular panel connects very easily to your existing or future smart home devices. Even with equipment from other brands.

Easy to use

The panel's intuitive and modern design makes it very easy to use.

Smart functions

Home automation involves a lot more than basic functions like controlling lights or a thermostat. With Velbus, use your smartphone, tablet or computer to control and monitor your home lighting, heating, cooling, blinds and sunscreens from wherever you want. Configure Velbus to display text and icons, play audio signals and light up LEDs in

the colours of your choice.

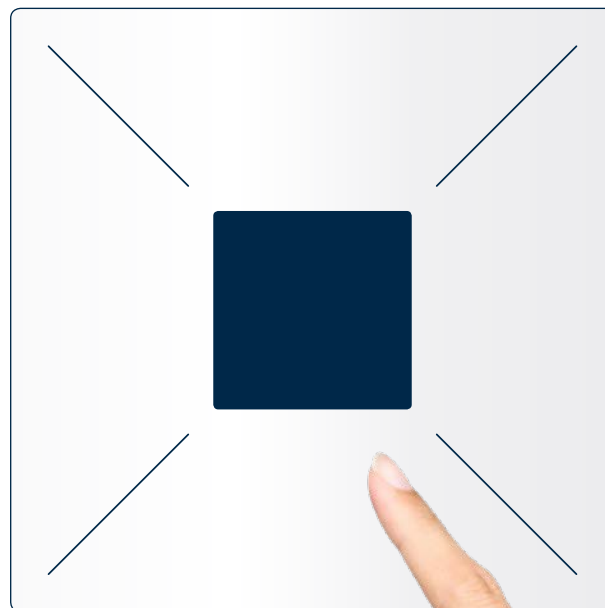
Velbus offers a variety of features and smart home ideas that will make your home safer and more secure. The possibilities are endless, as Velbus continues to invent and develop smart home solutions that will make your life easier.

Future-proof home automation

Are you thinking of future-proofing your home? This is now easier than ever thanks to the Velbus home automation solutions.

Meet Edge Lit: our smart switch

Give your home an extra wow factor with Edge Lit, the Velbus glass panel. A stylish switch with lots of possibilities. Its glass design is very easy to maintain and highly durable.



Velbus is a modular system

Velbus is modular

Every velbus module has its own processor and memory. This means you do not need to install a central control unit. This also prevents your entire home automation system from being blocked by a central unit failure.

As the velbus system does not require any master controller, you will only pay for the modules you really need. If you want to automate additional shutters, lighting points, dimmers, etc., you need only buy the extra modules. New modules will always be compatible with the existing range.

Velbus is a bus system

This means that you will only need a four-wire bus cable to connect the modules: two wires for power, two wires for data. The bus system is based on the extremely stable and reliable CAN bus used in the automotive sector.

Velbus basics

The most basic set-up has two modules: an input module and an output module. An input module uses short messages to send its status to the bus. An output module interprets these messages and executes actions relating to its programming.

Quality and reliability

autonomy

velbus is a modular system in which one faulty module will never paralyse the entire installation.

Each module is fully independent as it features its own processor. Every velbus module monitors the bus continuously and responds whenever necessary.

The bus is based on the CAN type which is used in the automotive sector. This bus is very stable and, by decreasing the speed on the bus cable, data can be transferred over very long distances.

The bus only works with pulses. As the bus is operated by pulses, there is almost no traffic on the bus during dimming or activation of the all off function. Unlike other systems, multiple instructions (on/off, dimming, mood lighting...) can be executed simultaneously, LED feedback is very quick, no energy is wasted, etc.

Freedom

You can add configuration modules anywhere on the bus cable (storeroom, study) and connect your PC to change the configuration.

No one will notice any of this, as the velbus system will continue working while changes are being made. The bus cable can be wired in a loop structure so you won't even notice any interruptions. Bus voltage is allowed to vary between 12 V and 18 V.

5 years warranty

In addition to our 2 years' factory warranty, Velbus offers an extension of 3 years after you registered (max. 6 months after purchase).

Please check www.velbus.eu for more information.

In-house development allows us to quickly meet market demands and offer high-quality products.



Velbus compared to other systems

People often associate home automation with expensive systems, but nothing could be further from the truth. The price difference between a velbus and a traditional installation is minimal and even negligible when comparing the advantages.

Flexible system

As all controlling modules and lighting points act independently, all kinds of connections are possible. The system allows configuring all off or all on from multiple locations. You can also create moods (combining various lighting points), define time functions, etc.

There are so many reasons why you may need to change your setup at a given time. Shortly after you have moved in, you will need to make some changes without damaging your walls. The configuration software is free of charge, the settings can always be read and are continuously adjustable (without interrupting the system).

Since velbus is a modular system, your home will be ready for future evolutions. As velbus is being continuously developed, you will only need to add a module to expand your system. Even if you later decide to add a dimmer in the living room, you will only need to add the appropriate dimmer module. Your home will be ready for the future.

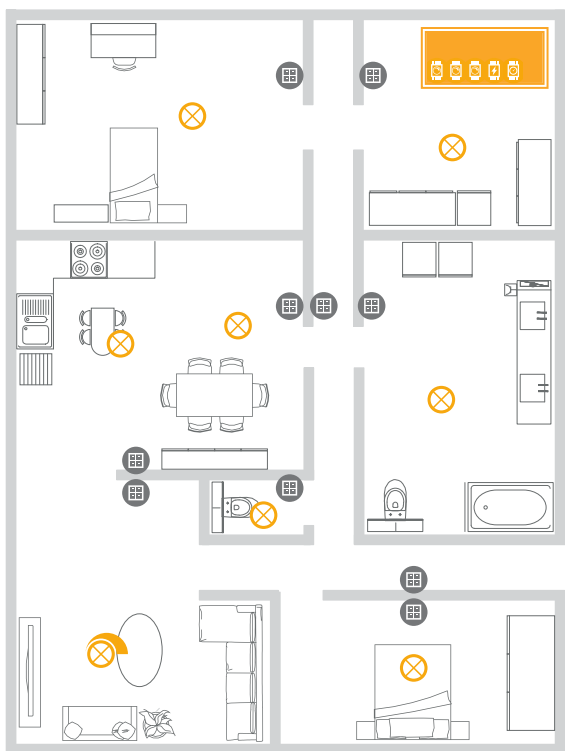
Tailor made system

The velbus system provides feedback without any additional module or development. You can couple feedback any way you want: a push-button in the living room can provide feedback for the light in the nursery...

If configured well, the velbus automation system will also save energy. Think of the light in the hallway that automatically turns off, the light on the drive that you will no longer forget (thanks to the feedback LED), the all off function that turns off hidden consumers, the heater that will switch off automatically...

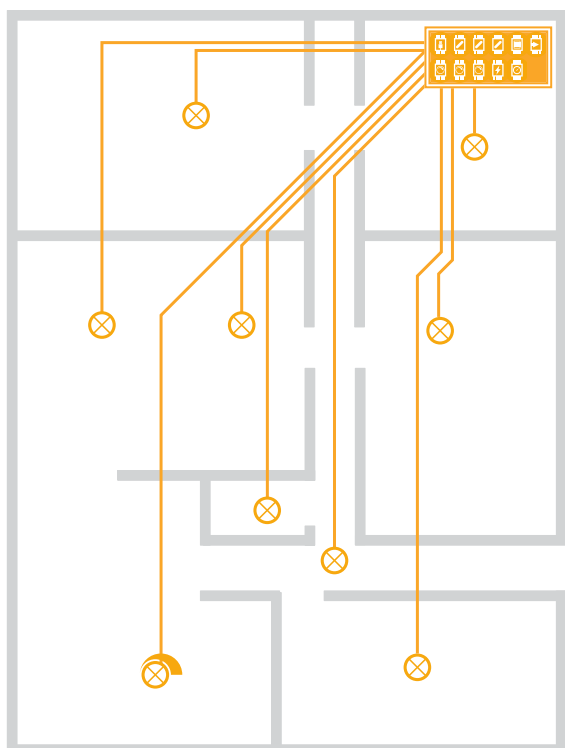
Everyone can use the benefits of an automated home in his or her own way because of the many options and links. The added value your home or investment property gets from a home automation system is a nice extra.





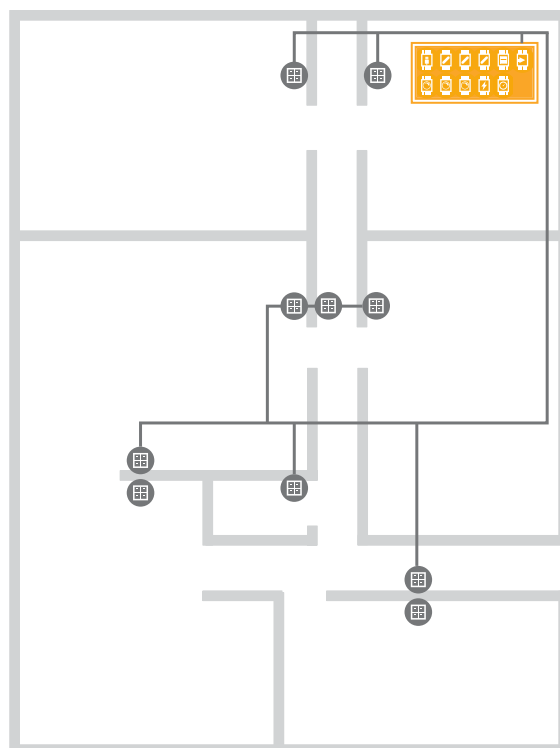
Floor plan of a show house

- Input modules (push buttons, glass control modules, sensors,...) are being installed throughout your house.
- The output modules (relays, dimmers, blind control modules,...) will be installed in the electrical cabinet.



230 VAC wiring

- All power consuming devices (lights, blind motors,...) will be cabled directly to the electrical cabinet.



Bus wiring

- A 4-wire low voltage cable will connect the Velbus modules.

A modern living room interior. On the left, a white TV stand holds a flat-screen TV, a small potted plant in a terracotta pot, and a white lamp with a wooden frame. A black electric guitar stands against the wall behind the stand. In the center, a round white coffee table with wooden legs holds a small potted plant on a pink tray. A large, round, woven beige pouf sits on a white shaggy rug in the foreground. A pair of white slippers is on the rug near the coffee table. A large window with light gray curtains is on the right, showing a balcony with more plants. The text "Without a care in your world." is overlaid in the center, with "Without a" in white, "care in" in white, "your" in orange, and "world." in orange.

Without a
care in **your**
world.

Discover Velbus

A day in our life

9:00

You've pushed your alarm clock but stayed in bed until 9 a.m. It is a normal weekday so the heating is on **night mode** in every room of the house but no worries, a button next to your bed allows you to set it instantly to **comfort mode** again.



9:03

A second button next to the bed controls the roller shutters. The other shutters opened automatically at sunrise.



9:20

When you get out of bed, a notification on your glass control module OLED display reminds you today is your partner's birthday. Hopefully the gift gets delivered on time.

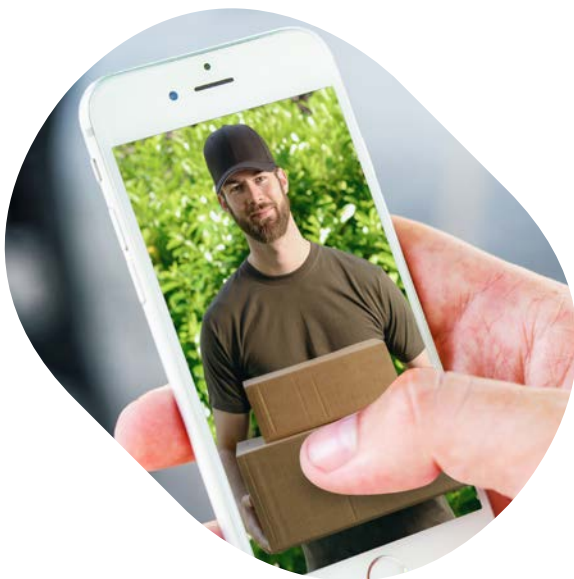


Discover Velbus

A day in the life

11:00

After a shower and breakfast it is time to do some cleaning. A simple tap on the stylish control will delight you, as the display shows the energy returned from your solar panels.



12:00

The doorbell rings. You can use your smartphone to see who is at the door. The gift arrives just in time, as you are about to share lunch with some friends. At the door, you will press **all off**: even the heater falls back to night mode.

17:00

Lunch has turned into an afternoon of chat and when you come home, the kids are already home from school. The heating was set to **comfort mode** from 16h, which means the study rooms are also pleasantly warm. With your smartphone, you had previously disabled the TV because you want your children to finish their homework.



19:00

The family has had a cosy dinner and the shutters went down at dusk. You just tap the glass touch to activate the **evening mood**: the light in the room is dim, the lamp in the sitting area provides cosiness and the heating switches to a higher setting.



22:00

The children are asleep but a LED on the push button in the living room shows that they have forgotten to turn off the light. You can switch off the lights for them from the living room.

23:00

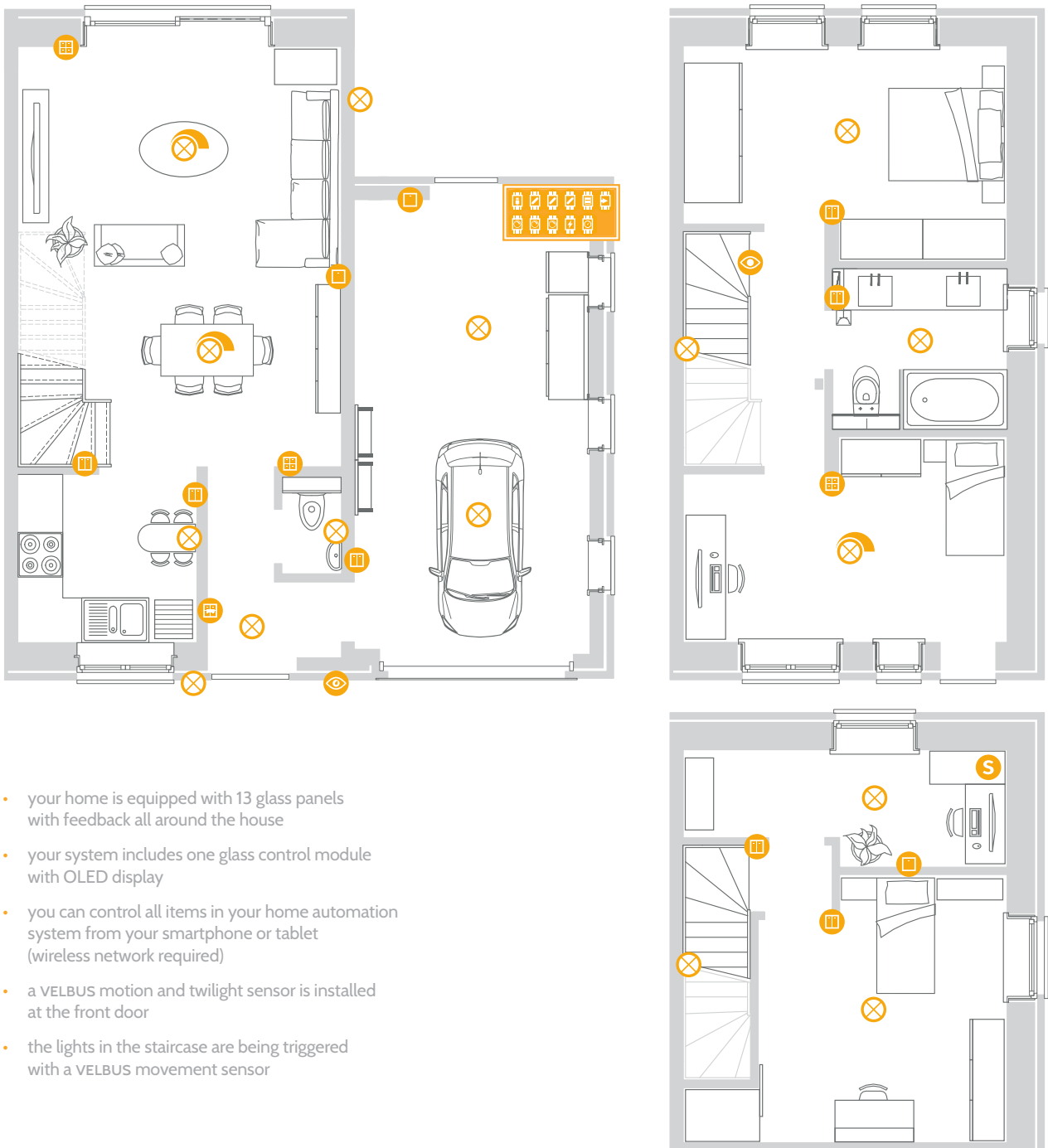
You go to bed and after brushing, just tap the button in the bathroom. This turns everything off downstairs while the light in the hallway remains on for a moment. The light in your bedroom switches on smoothly. You are ready for a good night's sleep.













Home

Installation example

The following example shows a possible configuration of velbus® glass control modules in an average home.



Velbus modules used in the example

	3 glass control modules with 1 touch key
	7 glass control modules with 2 touch keys
	3 glass control modules with 4 touch keys
	1 glass control module with OLED display
	1 ceiling motion and twilight sensor
	1 outdoor motion, twilight and temperature sensor
	1 IoT gateway
	1 configuration module with USB and RS-232 interface
	3 four-channel relay modules
	1 two-channel blind control module
	1 input module
	3 dimmer modules
	1 switching power supply module
	1 kilowatt hour counter

Features

- the glass control module with OLED display can contain up to 8 pages with 4 functions each
- the system can be reprogrammed at any moment (even without having to restarting the system)
- use the OLED screen to monitor and manage the temperature in every room of the house
- the system can display your energy consumption on your mobile device or on the OLED display (requires VELBUS kilowatt hour counter)
- the system can display the indoor and outdoor temperature on your mobile device or on the OLED display
- every module has a daily, monthly and yearly schedule with astronomical clock
- each light point can be configured in 40 different ways: on/off, delayed off, staircase lighting, blinking, double timers, etc...
- a single button can be used for two functions (for example a short press switches everything off and a long press switches everything on).
- you can activate or deactivate programs and program steps from wherever you are
- you can use all buttons for any function: controlling lighting, locking other buttons, activate or deactivate program steps...
- date and time are always correct thanks to an internet clock
- all settings are remembered in case of a power failure
- you can control the blinds manually or set them to react to sunrise or sunset, alarm signals, temperatures...
- all glass touch panels have a built-in temperature sensor that you can use to operate anything
- you can set the light in your bedroom to wake you up gradually
- you can activate any mood in every room from the OLED display
- you can use the LEDs on the buttons to display the status of inputs and outputs (lights, alarms...) and for night lighting
- you can set different access levels for the smartphone or tablet app depending on the user For example, you can let the children control their own rooms only.
- if the system detects movement in the evening, it will illuminate the driveway
- and so on



products

1 starter pack

2 video phone

3 glass control modules
with built-in temperature control

4 input modules

5 new products

6 sensors

7 configuration modules

8 power supply module

9 dimmer modules

10 blind modules

11 relay modules

12 connectors

13 smartphone/tablet control

Products

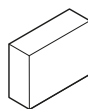
1 starter pack

This starter pack contains all necessary modules for a functional Velbus system and is compatible with all our other products.

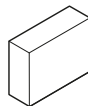


contents

- 1 x **VMBGPOD** glass control module with OLED display and temperature controller
- 1 x **VMB4RYLD** 4-channel relay module with voltage outputs for DIN rail
- 1 x **VMBRSUSB** configuration module with USB and RS-232 interface for DIN rail
- 1 x **VMBSMPS** switch-mode power supply for DIN rail
- 1 x **VMBRAIL-R** Interconnection rail for DIN rail modules
- 1 x USB cable
- 1 x quick guide with complete instructions to install and program this Starter set



VMBSTART1W
with white control module



VMBSTART1B
with black control module

2 Video phone

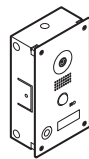
Video phone for the Velbus home automation system, based on a Doorbird video phone. Control it on your tablet or smartphone with the Doorbird iOS or Android app. Connect it to the Velbus bus cable and let the door opener, bell button and motion detector trigger any action in your Velbus system.



VMBVP01S

Doorbird based video phone, flush mounted

- stainless steel housing
- PIR motion detector
- to be connected to Velbus and network (Wifi or cabled)
- 6 Velbus input channels (bell button, motion detector, ...)
- iPhone®/iPad® & Android® app
- the last 12 people who rang are stored in the picture memory (free)
- incl. licence for the Velbus server



VMBVP01F

Doorbird based video phone, surface mounted

- polycarbonate UV-resistant housing with stainless steel front plate
- PIR motion detector
- to be connected to Velbus and network (Wifi or cabled)
- 6 Velbus input channels (bell button, motion detector, ...)
- iPhone®/iPad® & Android® app
- the last 12 people who rang are stored in the picture memory (free)
- incl. licence for the Velbus server

3 Glass control modules with built-in temperature control

The product range has four different controls per colour: with one, two or four touch keys - or a multipage control with OLED display. The sleek design with white or black finishing fits every interior. All products are touch sensitive and have LED feedback lights. These controls are connected to the velbus home automation system and have standard dimensions to be built in anywhere.

3A GP-series feedback/night indication through white LEDs at the front

general features

- safety glass with smart touch technology and integrated temperature sensor and thermostat
- the touch keys can execute any function
- the modules can detect short and long touches, reaction time can be customised
- the modules are equipped with audible feedback sound and LED feedback, which can also be set as night lights
- extensive time switch modes
- day, week and year program with astronomical clock to simulate sunrise and sunset
- four synchronisable alarm times

feedback/night indication through white LEDs at the front

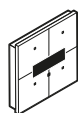


- feedback/night indication through white LEDs at the front



glass control modules with OLED display and temperature controller

- up to 8 pages with 4 functions each
- the OLED display is entirely customisable
- fully functional thermostat function
- programmes are easy to activate and deactivate
- display and control of maximum 13 temperature sensors (12 + the module's sensor)



VMBGPODW



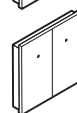
VMBGPODB



VMBGP1W



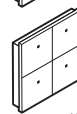
VMBGP1B



VMBGP2W



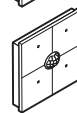
VMBGP2B



VMBGP4W



VMBGP4B



VMBGP4PIRW



VMBGP4PIRB

additional features

- IR receiver for Logitech® Harmony
- display of energy consumption with VELBUS kilowatt hour counters
- timer page
- can be used as a thermostat for your entire home





3B **Edge Lit** feedback/mood lights with RGBW side LEDs



glass control modules with OLED display and temperature controller

GLOSSY OR FROSTED

- up to 8 pages with 4 functions each
- the OLED display is entirely customisable
- thermostat (*)
- programmes are easy to activate and deactivate
- display and control of maximum 13 temperature sensors (12 + the module's sensor) (*)



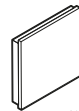
VMBELO-PG
VWBELO-PF



VMBELO-BG
VMBELO-BF

glass control modules with 1, 2 or 4 touch keys

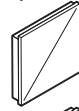
GLOSSY OR FROSTED



VMBEL1-PG
VMBEL1-PF



VMBEL1-BG
VMBEL1-BF



VMBEL2-PG
VMBEL2-PF



VMBEL2-BG
VMBEL2-BF



VMBEL4-PG
VMBEL4-PF



VMBEL4-BG
VMBEL4-BF

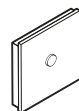
additional features

- display of energy consumption with VELBUS kilowatt hour counters
- timer page
- can be used as a thermostat for your entire home (*)

(*) the thermostat can only be used when the side LEDs are switched off

glass control module with motion and twilight sensor

GLOSSY OR FROSTED



VMBELPIR-PG
VMBELPIR-PF



VMBELPIR-BG
VMBELPIR-BF

3C Covers

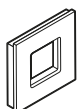
for GP and Edge Lit series



- menthol white for BTicino®
- pure white for Niko®
- black



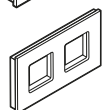
glass covers for BTicino® LivingLight



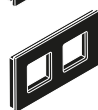
VMBGP1SW



VMBGP1SB



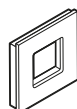
VMBGP2SW



VMBGP2SB

glass cover plate for Niko®

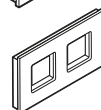
GLOSSY or FROSTED



VMBGPSN1-PG
VMBGPSN1-PF



VMBGPSN1-BG
VMBGPSN1-BF



VMBGPSN2-PG
VMBGPSN2-PF



VMBGPSN2-BG
VMBGPSN2-BF

4 Input modules

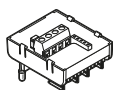
4A Push-button interfaces

Push-buttons of any brand can be connected to your velbus installation via these push-button interface modules. These modules support automatic control with day, week or year schedules and include an astronomical clock for sunrise and sunset. They provide a whole range of other functions, like customisable night indicators and lock function.



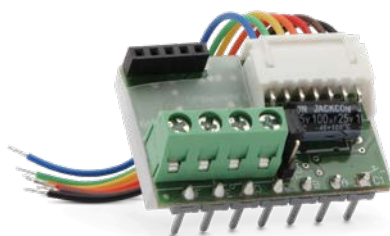
interface for Niko® 4- or 6-fold push-button

- mounts directly on the push-buttons
- 2 feedback LEDs are pre-installed
- with blue or orange feedback LEDs



with blue feedback LEDs
VMB2PBN-R

with amber feedback LEDs
VMB2PBAN-R

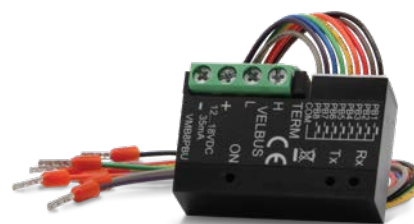


interface for Niko® 4- or 6-fold push-button

- mounts directly on the push-buttons
- the system will also control any Niko® feedback LEDs if available

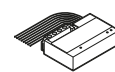


VMB6PBN



interface with 8 channels for universal mounting

- connect up to eight push-buttons of any brand
- feedback LEDs are sold separately
- leads cannot be extended[1]



VMB8PBU

sets with feedback LEDs for Niko® push-buttons
VMBLDN 5 blue feedback LEDs

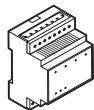
[1] use the **VMB7IN**-input module for longer connection cables

4B modules for DIN-rail



4-channel analog input module for DIN-rail

- 4 analogue input channels
- each sensor input configurable as 0-10 V, 4-20 mA, resistance, frequency
- connect an extended range of analogue sensors (Pt100, Pt1000, CO2, pH, acidity...)
- 8 alarm channels
- each alarm channel can be programmed as a combination of the inputs

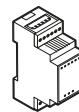


VMB4AN



7-channel input module for DIN-rail

- connect up to 7 contacts (supports long distances)
- connect 4 inputs to the pulsed output of an eg. kWh meter
- you can also connect water and gas meters



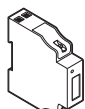
VMB7IN

kilowatt hour counters for connection to VMB7IN



single phase kilowatt hour counter for DIN-rail mounting

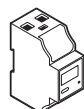
- voltage: 230 V
- current: 5 (40) A
- pulse output: 1000 p/kWh
- connects to **VMB7IN**



VMBKWH14

single phase kilowatt hour counter for DIN-rail mounting

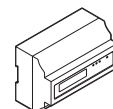
- voltage: 230 V
- current: 5 (80) A
- pulse output: 1000 p/kWh
- connects to **VMB7IN**



VMBKWH18

three-phase kilowatt hour counter for DIN-rail mounting

- voltage: 3 × 230 / 380 V
- current: 10 (100) A
- pulse output: 800 p/kWh
- connects to **VMB7IN**



VMBKWH310

5 New products

Velbus is in constant development to make your home connected and smart.



RFID Keyboard

- access control by code and/or RFID badge.
- tamper protection
- stainless steel front panel
- blue backlight (programmable) and metal keys.
- waterproof (IP65)
- 2 channels with max. 1000 users for channel 1 and max. 100 users for channel 2
- max. 50 temporary access codes



VMBKP

5 New products

new



8-channel RF receiver

- wireless remote control for gates, garage doors, lighting, shutters, etc.
- wide range: max. 250 m (in open field)
- compatible with 2-button RF remote control **VMBRFT2H** and 4-button RF remote control **VMBRFT4H**
- frequency: 868 MHz



VMBRFR8S

new



2-button/4-button RF remote control

- for use with **VMBRFR8S**
- frequency: 868 MHz
- range (in open field): 250 m



VMBRFT2H



VMBRFT4H



6 Sensors

These velbus sensors are so much more than normal motion sensors. They provide motion as well as twilight detection. The built-in astronomical clock allows time dependent control. The module simultaneously detects movement for passage control and light dependent movement for lighting control.



outdoor motion, twilight and temperature sensors • Theben®

- motion, twilight and temperature detection
- light sensitivity and timeout are customisable
- temperature sensor with output channels for high and low alarms
- the sensor head can be oriented horizontally and vertically



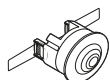
VMBPIROW



VMBPIROB

motion and twilight sensor for ceiling mount

- motion and twilight detection
- light sensitivity and timeout are customisable



VMBPIRC

mini motion and twilight sensor for recessed or surface mounting

- same features as **VMBPIRC**
- suitable for recessed mounting (diameter 18 mm) and surface mounting (housing included)
- white and black lenses included



VMBPIRM



weather station with thermometer, anemometer, rain sensor and light sensor

- temperature, light, rain and wind sensor
- 8 alarm channels
- every alarm channel can be programmed as a temperature, light, rain or wind alarm, or a combination
- vertically tiltable for 90°

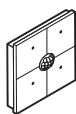


VMBMETEO



glass control modules with 4 touch keys and built-in motion and twilight sensor

- motion and twilight detection
- all other features of the glass control module with 4 touch keys (**VMGBP4B/W**) apply ^[3]



VMGBP4PIRW

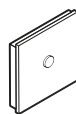


VMGBP4PIRB

edge lit control module with motion and twilight sensor

GLOSSY or **FROSTED**

- motion and twilight detection
- all other features of the glass control module with 1 touch key (**VMBEL1**) apply ^[3]



VMBELPIR-PG
VMBELPIR-PF



VMBELPIR-BG
VMBELPIR-BF

^[3] except for double and multi button functions

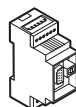
7 Configuration modules

You can use the configuration modules to configure and program the velbus system with your computer. USB port for easy connection, RS-232 port for long connections or for creating your own applications. You can download the communication protocol for all velbus modules for free.

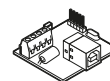


configuration module with USB and RS-232 interface

- 1 USB port
- 1 RS-232 port
- for DIN-rail mounting



VMBRSUSB



ALSO AVAILABLE
VMB1USB
configuration module
with USB interface for
universal mounting

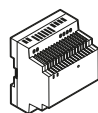
8 Power supply module

For very large installations, we recommend providing a power supply in each electrical cabinet.



switch mode power supply module

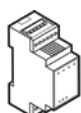
- very robust: average life expectancy > 20 years
- power: 60 W (4 A / 15 V)



VMBSMPS

9 Dimmer modules

Create the mood that suit you best, let your lights go out slowly or simulate a sunrise to wake up gently.



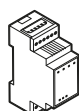
UNDERDEVELOPED
DALI-GATEWAY VMBDALI

- DALI light point management with Velbus
- max. 64 light points, 16 groups et 16 moods
- integrated DALI power supply



four-channel 0/1-10 V dimmer

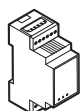
- 49 modes: on/off, dim on, dim off, activate dimmed mood, 1 button dimming, timers...
- each channel can be combined with our own **VMB2LEDDC** or with 0-10 V dimmers from other brands



VMB4DC

two-channel 0-10 V controlled PWM dimmer for LED strips

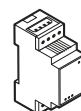
- short-circuit protection
- thermal cut-off
- frequency: 500 Hz
- max. 100 W per channel at 12 V
- max. 200 W per channel at 24 V



VMB2LEDDC

single channel TRIAC dimmer for resistive and inductive loads

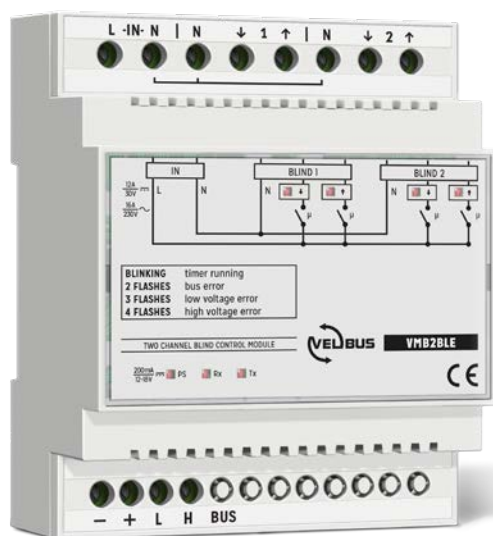
- 50 modes: on/off, dim on, dim off, activate dimmed mood, 1 button dimming, timers...
- dims resistive and inductive loads (leading edge)
- power: max. 400 W



VMBDMI-R

10 Blind/shutter modules

Let your blinders adapt to your lifestyle.
Combine these with your lighting and always
create the right mood.



two-channel blind control module for DIN-rail

- the outputs are protected against overvoltage
- 105 modes: up, down, to position...
- built-in astronomical clock
- can be set to specific positions
- max. current: $2 \times 16 \text{ A}$



VMB2BLE



single channel blind control module for universal mounting

- small moulded version for use in roller blind housings
- 105 modes: up, down, to position...
- built-in astronomical clock
- can be set to specific positions
- can be used stand-alone
- max. current: 16 A



VMB1BLS

11 Relay modules

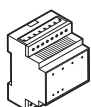
The living room light, the garden fountain, the nursery power outlets, the electric gate: these are only a few items you want to control.

One of the many options is switching everything on or off.



4-channel relay module with potential-free contacts for DIN-rail

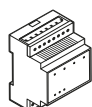
- can be operated on the module itself
- 40 modes: on/off, delayed off, timers...
- 4 potential-free contacts + 1 virtual relay
- max. current: 4×16 A



VMB4RYNO

4-channel relay module with voltage outputs for DIN-rail

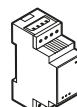
- can be operated on the module itself
- 40 modes: on/off, delayed off, timers...
- 4 voltage outputs (single pole interruption) + 1 virtual relay
- max. current: 16 A



VMB4RYLD

single channel relay module with potential-free changeover contact for DIN rail

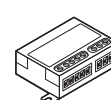
- 40 modes: on/off, delayed off, timers...
- 1 change-over potential-free relay contact + 4 virtual relays
- max. current: 16 A



VMB1RYNO

mini single channel changeover relay module for standalone and velbus operation

- 40 modes: on/off, delayed off, timers...
- 1 relay contact + 4 virtual relays
- max. current: 10 A



VMB1RYS

12 Connectors

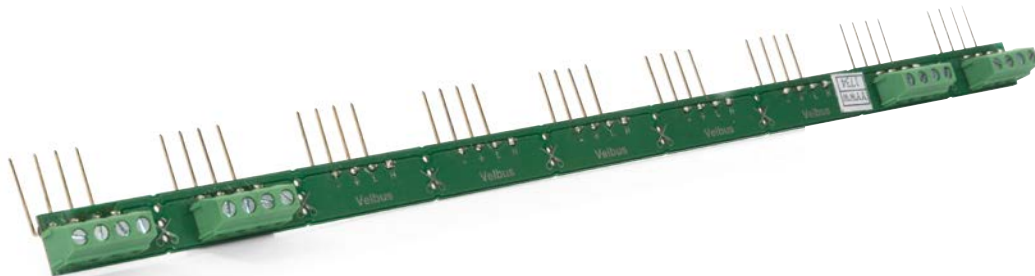
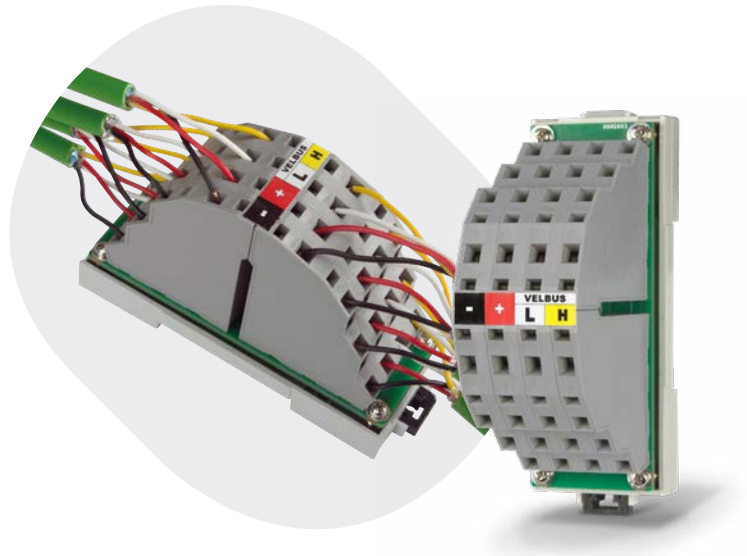
The connector modules will save you time during installation and keep your electrical cabinet neat and tidy. They also allow easy disconnection.

distribution terminal block for bus cables

- easily connect bus cables
- with spring contacts
- connection: up to 8 bus cables of 4 wires

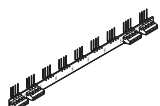


VMBTB



interconnection rail for DIN-rail modules (18M)

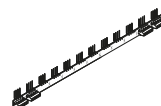
- with 9 connections for Velbus modules
- length: 310 mm - the rail can be cut in 8 places
- 4 connections for bus cable (power supply and data)
- the rail length fits standard electrical cabinets (18M)
- 1 rail per package



VMBRAIL-R

interconnection rail for DIN-rail modules (24M)

- with 11 connections for Velbus modules
- length: 420 mm - the rail can be cut in 11 places
- 4 connections for bus cable (power supply and data)
- the rail length fits standard electrical cabinets (24M)
- 1 rail per package



VMBRAIL24

13 Smartphone/tablet control

Control your Velbus installation with your smartphone, tablet, laptop, computer...

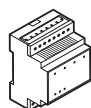


Signum IoT gateway

your connection with the world

signum IoT gateway

- control through smartphone, tablet, internet,...
- IoT connections
- internet clock synchronisation
- extended configuration through USB, LAN and internet
- DIN-rail housing



VMBSIG

IoT-toepassingen

- Somfy
- Sonos
- Philips Hue
- Multiple expansion possibilities

References



HomeLab (Ugent/Imec)

In September 2017, Imec.livinglabs and Ghent University opened HomeLab on the Technology Park in Zwijnaarde near Ghent. HomeLab is a digital living and learning center that takes the home of the future as a starting point.

Most modules in the electrical cabinets are Velbus devices, as are the glass modules in the house. The Velbus home automation system controls the lights and blinds as well as other functions and measures power consumption.



Bostoën



Bostoën, Belgian market leader in passive houses, has standardised the Velbus home automation system. Velbus meets the needs for operating lights, blinds and heating systems.

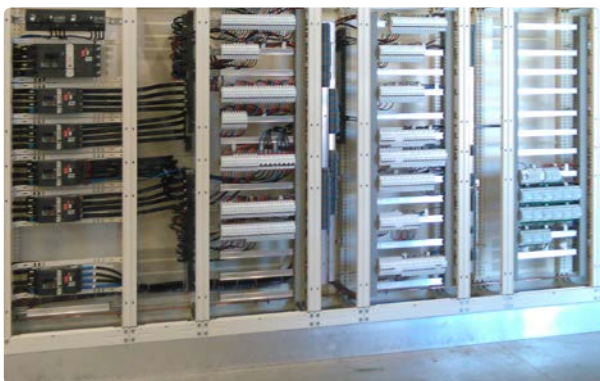
www.bostoën.be



Koezio

Koezio's Out of Control mission in Villeneuve-d'Ascq (Lille) won the Heavent Paris 2018 Grand Prix, an event innovation trade show. Dozens of Velbus input modules were used to create this unique attraction in collaboration with FX3 and Bezonnia.

www.koezio.co
www.fxcube.net
www.bezonnia.com



Industrie

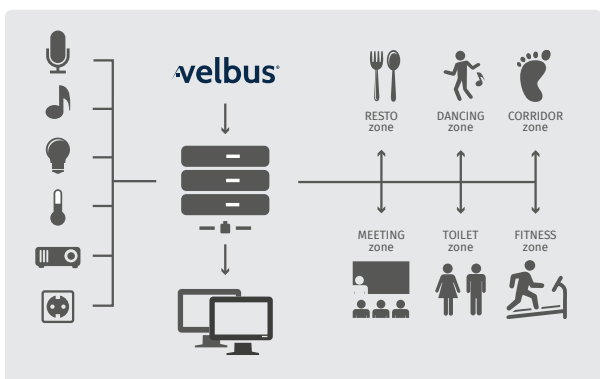
Velbus installations are robust and can be extended easily. This means Velbus is a good choice for industrial automation as well.



B&B Herenhuis

Velbus provided all the automation needs in this beautifully renovated B&B, including access control using card readers. By DP-Projects.

www.bnbherenhuis.be



Bezonia


Living Tomorrow is a perfect example of True Total Integration using Bezonia's transversal approach.

A wide set of technologies, including Velbus, has been integrated with a single goal in mind:

to empower building owners, by making all deployed technologies interact with each other.






Product list

1 starter pack

	Velbus starter pack with white control module with OLED display	VMBSTART1W
	Velbus starter pack with black control module with OLED display	VMBSTART1B

2 glass control modules with built-in temperature control

2A GP series feedback/night indication through white LEDs at the front

	glass control module with 1 touch key • white	VMBGP1W
	glass control module with 1 touch key • black	VMBGP1B
	glass control module with 2 touch keys • white	VMBGP2W
	glass control module with 2 touch keys • black	VMBGP2B
	glass control module with 4 touch keys • white	VMBGP4W
	glass control module with 4 touch keys • black	VMBGP4B
	glass control module with OLED display and temperature controller • white	VMBGPODW
	glass control module with OLED display and temperature controller • black	VMBGPODB
	glass control module with 4 touch keys and built-in motion and twilight sensor • white	VMBGP4PIRW
	glass control module with 4 touch keys and built-in motion and twilight sensor • black	VMBGP4PIRB

2B Edge Lit GLOSSY OR FROSTED feedback/mood lights with RGBW side LEDs

	edge-Lit control module with 1 touch key • pure white	VMBEL1-PG VMBEL1-PF
	edge-Lit control module with 1 touch key • black	VMBEL1-BG VMBEL1-BF
	edge-Lit control module with 2 touch keys • pure white	VMBEL2-PG VMBEL2-PF
	edge-Lit control module with 2 touch keys • black	VMBEL2-BG VMBEL2-BF
	edge-Lit control module with 4 touch keys • pure white	VMBEL4-PG VMBEL4-PF
	edge-Lit control module with 4 touch keys • black	VMBEL4-BG VMBEL4-BF
	edge-Lit control module with OLED display and temperature controller • pure white	VMBELO-PG VMBELO-PF
	edge-Lit control module with OLED display and temperature controller • black	VMBELO-BG VMBELO-BF
	edge lit control module with motion and twilight sensor • pure white	VMBELPIR-PG VMBELPIR-PF
	edge lit control module with motion and twilight sensor • black	VMBELPIR-BG VMBELPIR-BF

Each VMBEL module is supplied with a holder for screw and claw mounting.

2C Covers for BTicino® LivingLight

	glass cover plate • white	VMBGP1SW
	glass cover plate • black	VMBGP1SB
	double glass cover plate • white	VMBGP2SW
	double glass cover plate • black	VMBGP2SB

Covers for Niko® GLOSSY OR FROSTED






	glass cover plate • pure white	VMBGPSN1-PG VMBGPSN1-PF
	glass cover plate • black	VMBGPSN1-BG VMBGPSN1-BF
	double glass cover plate • pure white	VMBGPSN2-PG VMBGPSN2-PF
	double glass cover plate • black	VMBGPSN2-BG VMBGPSN2-BF

3 video phone






	Doorbird based video phone, flush mounted	VMBVP01F
	Doorbird based video phone, surface mounted	VMBVP01S

4 input modules




4A push-button interfaces

	interface for Niko® 4- or 6-fold push-button • with blue feedback LEDs	VMB2PBN-R
	interface for Niko® 4- or 6-fold push-button • with amber feedback LEDs	VMB2PBAN-R
	interface for Niko® 4- or 6-fold push-button	VMB6PBN
	interface with 8 channels for universal mounting	VMB8PBU
	set of 5 blue feedback LEDs for NIKO® push-buttons • for use with VMB8PBU	VMBLDN









4B modules for DIN-rail

	7-channel input module for DIN-rail	VMB7IN
	single phase kilowatt hour counter for DIN-rail mounting • 5 (80) A • connects to VMB7IN	VMBKWH14
	single phase kilowatt hour counter for DIN-rail mounting • 5 (80) A • connects to VMB7IN	VMBKWH18
	three-phase kilowatt hour counter for DIN-rail mounting • 10 (100) A • connects to VMB7IN	VMBKWH310
	4-channel analog input module for DIN-rail • 0-10 V, 4-20 mA, 0-2 kΩ, 5-500 Hz	VMB4AN

5 new products



	codeklavier met RFID	VMBKP
	8-kanaals RF ontvanger	VMBRFR8S
	2-knops RF afstandsbediening	VMBRFT2H
	4-knops RF afstandsbediening	VMBRFT4H

6 sensors

	glass control module with 4 touch keys and built-in motion and twilight sensor • white	VMBGP4PIRW
	glass control module with 4 touch keys and built-in motion and twilight sensor • black	VMBGP4PIRB
	edge lit control module with motion and twilight sensor • pure white • GLOSSY OR FROSTED	VMBELPIR-PG VMBELPIR-PF
	edge lit control module with motion and twilight sensor • black • GLOSSY OR FROSTED	VMBELPIR-BG VMBELPIR-BF
	outdoor motion, twilight and temperature sensors • Theben® • white	VMBPIROW
	outdoor motion, twilight and temperature sensors • Theben® • black	VMBPIROB
	motion and twilight sensor for ceiling mount	VMBPIRC
	mini motion and twilight sensor for recessed or surface mounting	VMBPIRM
	weather station with thermometer, anemometer, rain sensor and light sensor	VMBMETEO

Product list





7 configuration modules

	configuration module with USB and RS-232 interface	VMBRSUSB
	configuration module with USB interface for universal mounting	VMBIUSB



8 power supply module

	switch mode power supply module	VMBSMPS
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9 dimmer modules

	four-channel 0/1-10 V dimmer • 49 modes	VMB4DC
	two-channel 0-10 V controlled PWM dimmer for LED strips	VMB2LEDDC
	single channel TRIAC dimmer for resistive and inductive loads	VMBDMI-R
	DALI gateway	VMBDALI



10 blind/shutter modules

	two-channel blind control module for DIN-rail	VMB2BLE
	single channel blind control module for universal mounting	VMB1BLS

11 relay modules

	4-channel relay module with potential-free contacts for DIN-rail	VMB4RYNO
	4-channel relay module with voltage outputs for DIN-rail	VMB4RYLD
	single channel relay module with potential-free changeover contact for DIN rail	VMB1RYNO
	mini single channel changeover relay module for standalone and Velbus operation	VMB1RYS

12 connectors

	distribution terminal block for bus cables	VMBTB
	interconnection rail for DIN-rail modules (18M)	VMBRAIL-R
	interconnection rail for DIN-rail modules (24M)	VMBRAIL24

13 smartphone/tablet control

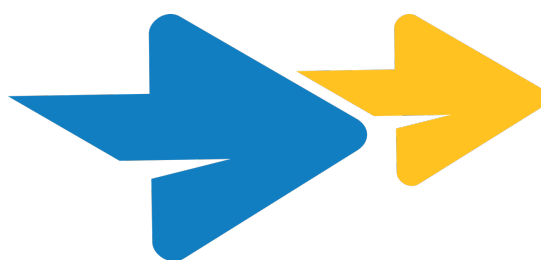
	signum IoT-gateway	VMBSIG
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about Velbus?
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Or contact us at
info@velbus.eu

Are you an installer?
Participate in one
of our trainings. For more
details, visit our website
www.velbus.eu



www.superklick.com

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