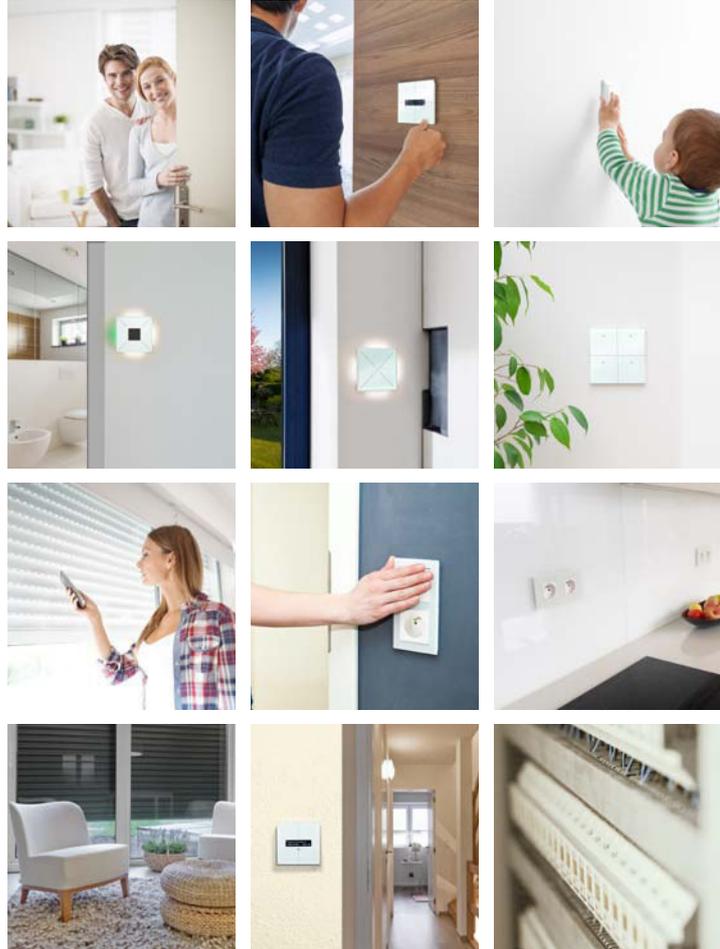
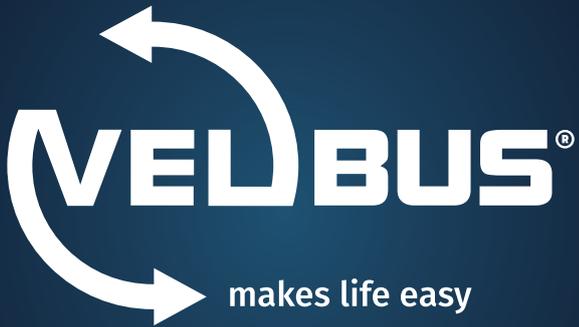


EN



CATALOG

HOME AUTOMATION

New technologies are part of our lives, tomorrow even more than today!

Home automation is not an exception. The innovations of recent years have now become virtually indispensable. You will soon notice this once velbus has been installed in your home.

The possibilities of velbus home automation are almost endless. You can trigger multiple functions with one tap on the button. You can program the buttons according to your wishes. Use your smartphone, tablet or computer to control your home lighting, heating, cooling, blinds and sunscreens from wherever you want.

The future home is now within your reach. Use velbus to equip your home with the latest developments in terms of comfort, energy savings and ease. For velbus is endlessly expandable, now and in the future.

velbus home automation: not a luxury but a way of life.



2 ABOUT VELBUS

6 DISCOVER VELBUS

12 PRODUCTS

28 REFERENCES

30 PRODUCT LIST

About VELBUS



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.



Image: VELBUS modules at HomeLab (Ghent University/imec) (see p.32)

development

All modules and the software are being developed by Velleman in Gavere, Belgium. In-house development allows to quickly meet market demands and offer high-quality products.

Velleman has over 45 year of experience in development and production.

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).

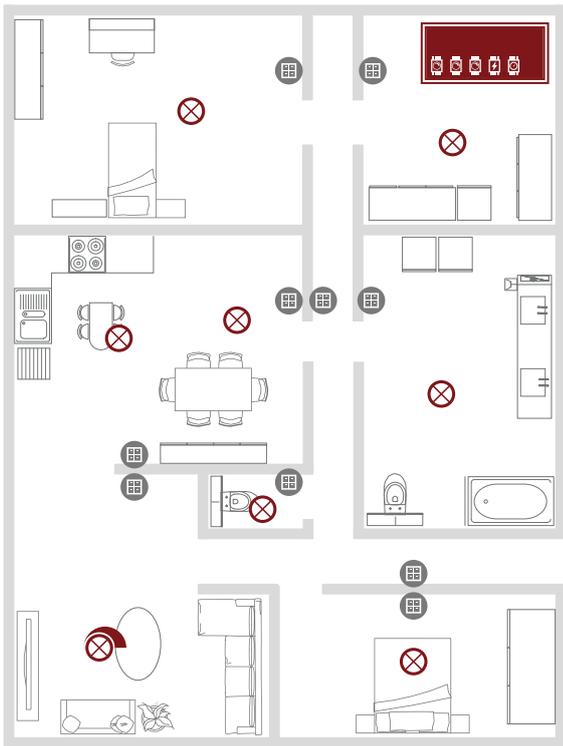
Since VELBUS is a modular system, your home will be ready for future evolutions. As VELBUS is being continuously developed, you will only need to add a module to expand your system. Even if you later decide to add a dimmer in the living room, you will only need to add the appropriate dimmer module. Your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

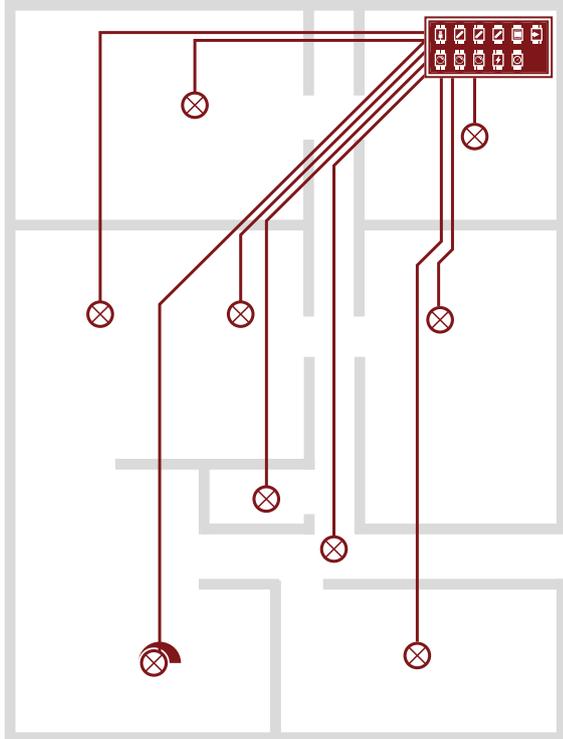
If configured well, the VELBUS automation system will also save energy. Think of the light in the hallway that automatically turns off, the light on the drive that you will no longer forget (thanks to the feedback LED), the all off function that turns off hidden consumers, the heater that will switch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



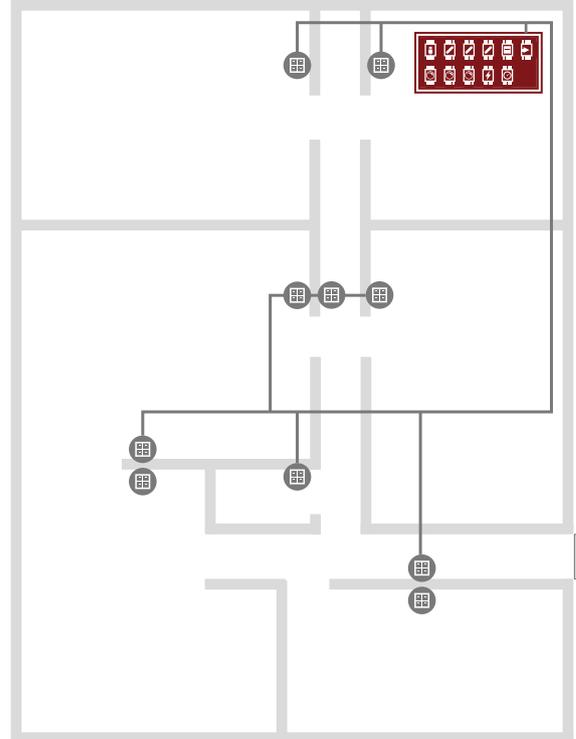
floor plan of a show house

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.

Discover VELBUS



The VELBUS product range is constantly evolving. Below are a few possible setups, but eventually, the system matching your needs will be done by an installer.

examples

you can change the function of any button with the VELBUS configuration software

a single press on the button will turn all the lights on or off and open or close the blinds

short press the button in the master bedroom to switch everything off, long press to switch everything on

set the heater in the bathroom to comfort mode with your smartphone or a push-button

connect access control devices (for example a badge reader)

control RGB lighting to create lounge effects

check the status of your home with your smartphone, internet... and intervene if necessary

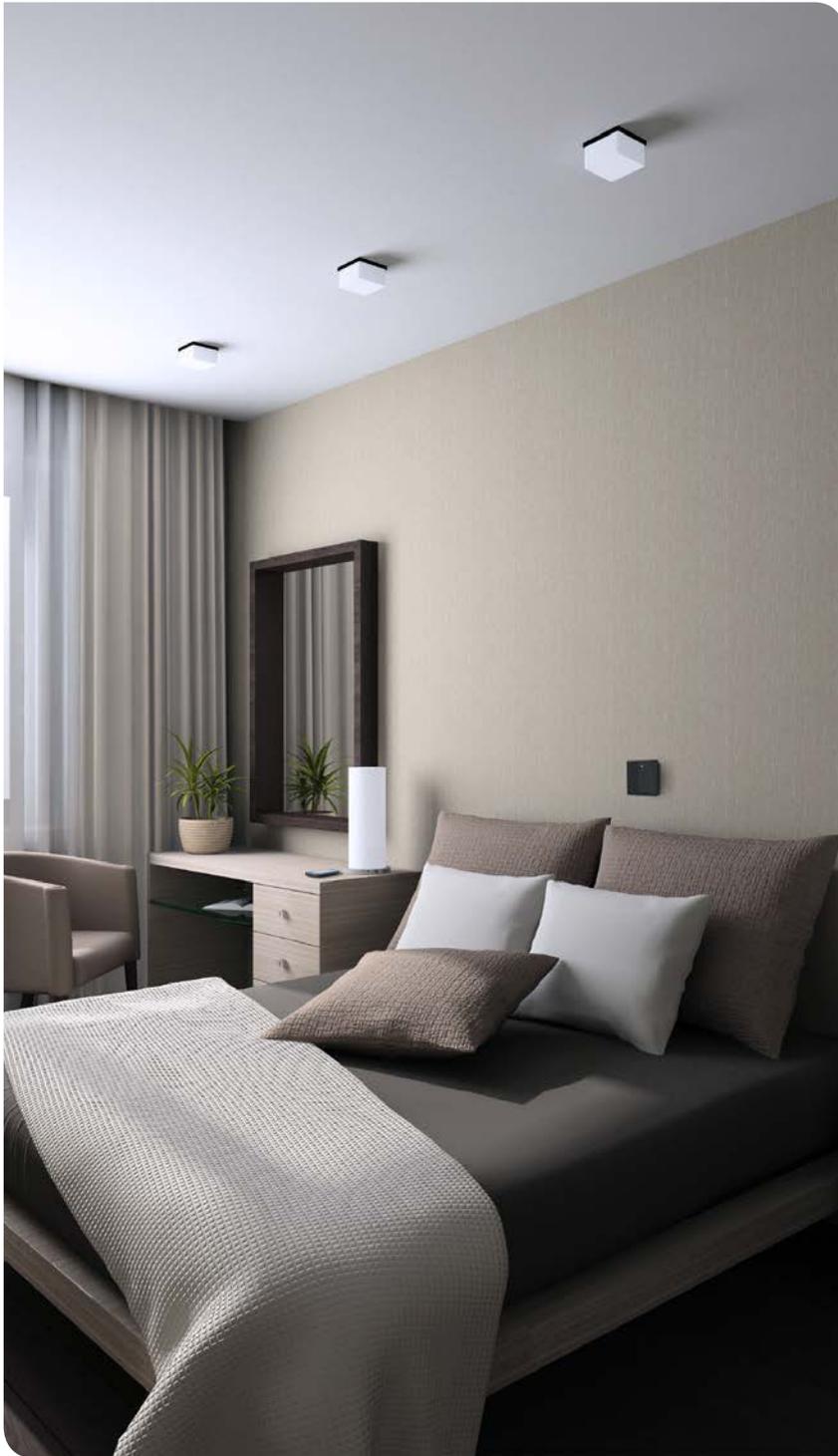
combine the everything off function with your heating system and one or more power sockets

dim or turn off some lights to create a certain mood

have the motion detection switch on the lights in the hallway in the evening and dimmed during the night

start motion detection together with the everything off function

and so on



A day off

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.

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

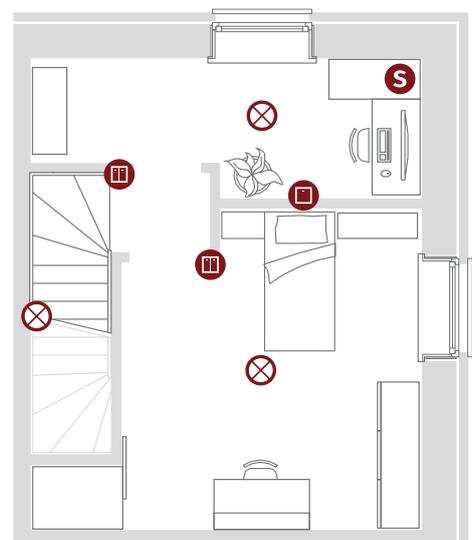
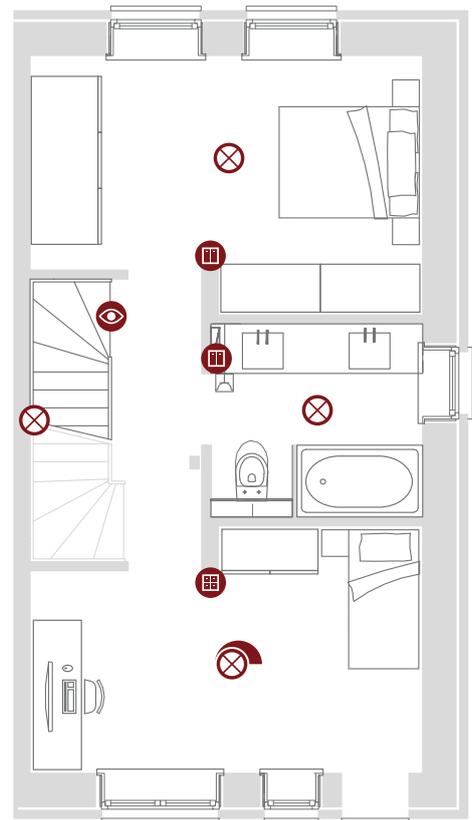
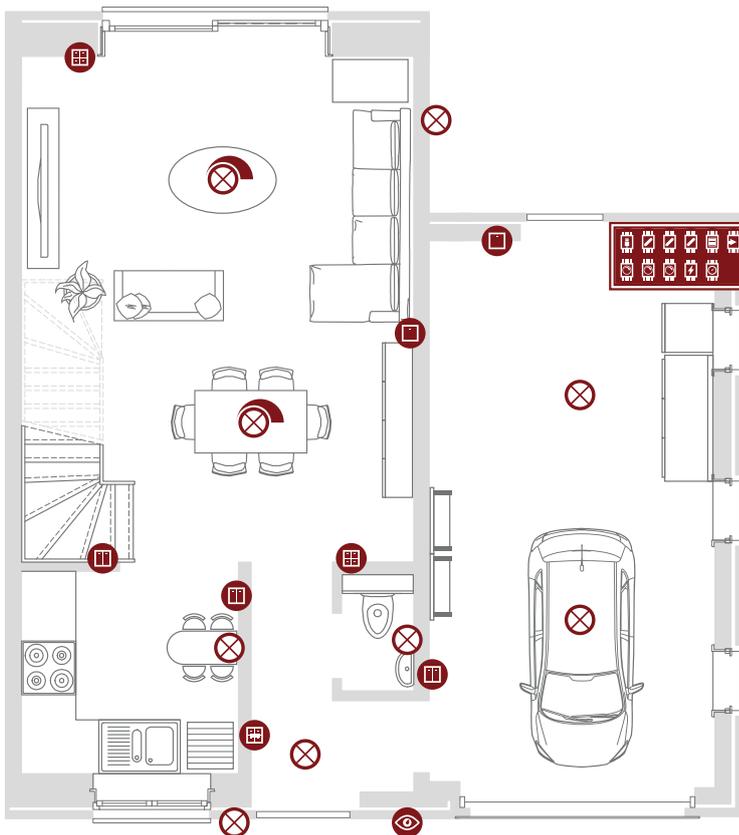
You go to bed and after brushing, just tap the button in the bathroom. This turns everything off downstairs while the light in the hallway remains on for a moment. The light in your bedroom switches on smoothly. You are ready for a good night's sleep.



HOME

installation example

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



- your home is equipped with 13 glass panels with feedback all around the house
- your system includes one glass control module with OLED display
- you can control all items in your home automation system from your smartphone or tablet (wireless network required)
- a VELBUS motion and twilight sensor is installed at the front door
- the lights in the staircase are being triggered with a VELBUS movement sensor

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



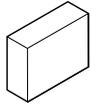
- 1 **NEW!** smartphone/tablet control
- 2 **NEW!** video phone
- 3 glass control modules with built-in temperature control
- 4 input modules
- 5 sensors
- 6 configuration modules
- 7 power supply module
- 8 dimmer modules
- 9 blind modules
- 10 relay modules
- 11 connectors
- 12 smartphone/tablet control

1 Starter pack

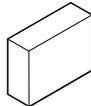
This starter pack contains all necessary modules for a functional Velbus system and is compatible with all our other products.

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



VMBSTARTIW
with white control
module



VMBSTARTIB
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.



NEW

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



VMBVP01S



NEW

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

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.

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 keys are equipped with audible feedback sound and white 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

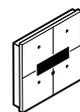
A GP series feedback/night indication through white LEDs at the front





**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

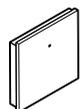


VMBGPODB

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

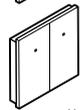
**glass control modules
with 1, 2 or 4 touch keys**



VMBGP1W



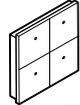
VMBGP1B



VMBGP2W



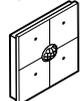
VMBGP2B



VMBGP4W



VMBGP4B



VMBGP4PIRW



VMBGP4PIRB



B Edge Lit
feedback/mood lights with RGBW side LEDs

NEW



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
VMBELO-PF

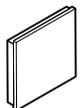


VMBELO-PG
VMBELO-PF

additional features

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

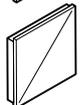
glass control modules with 1, 2 or 4 touch keys
GLOSSY or FROSTED



VMBEL1-PG
VMBEL1-PF



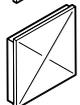
VMBEL1-BG
VMBEL1-BF



VMBEL2-PG
VMBEL2-PF



VMBEL2-BG
VMBEL2-BF



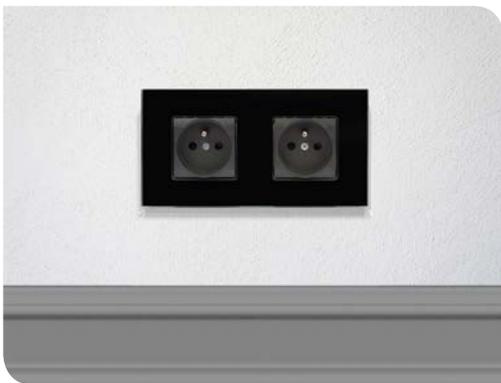
VMBEL4-PG
VMBEL4-PF



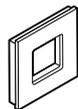
VMBEL4-BG
VMBEL4-BF



C covers
for GP and Edge Lit series



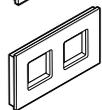
glass covers
for BTicino® LivingLight



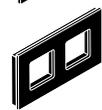
VMBGP1SW



VMBGP1SB



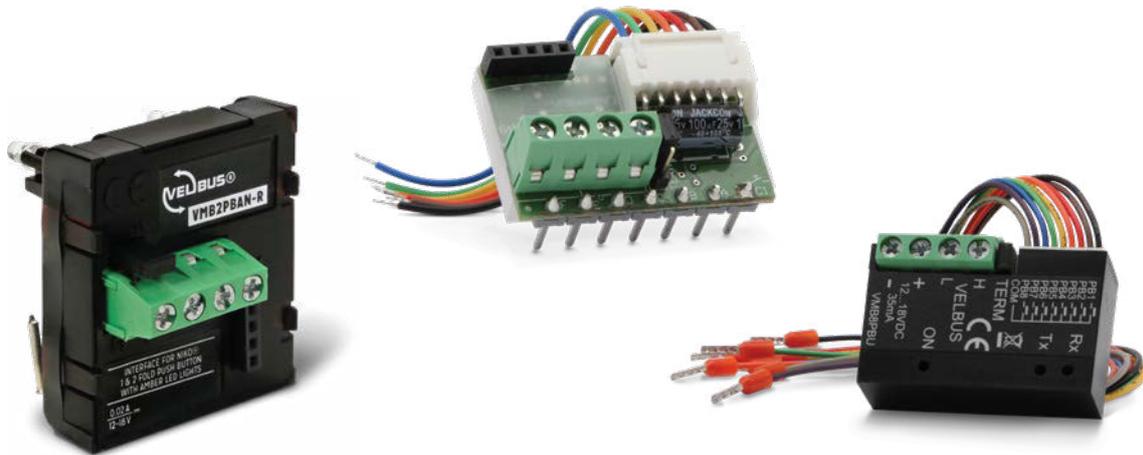
VMBGP2SW



VMBGP2SB

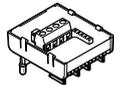
4 input modules

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

accessories for **VMB8PBU**

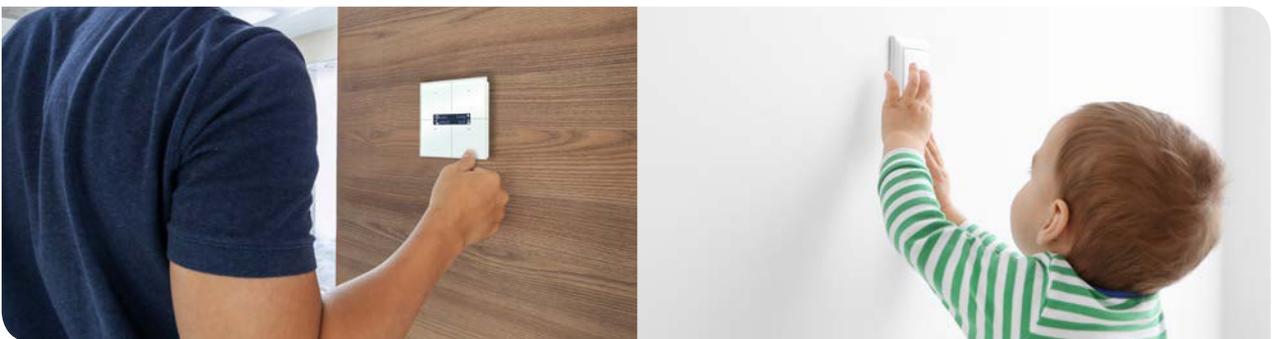
sets with feedback LEDs for Niko® push-buttons

VMBLDN 5 blue feedback LEDs

VMBLDAN 5 amber feedback LEDs

sets with feedback LEDs for BTicino® push-buttons^[2]

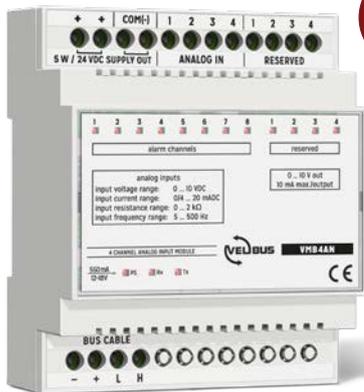
VMBLDAB 5 amber feedback LEDs



[1] use the VMB7IN input module for longer connection cables
[2] compatible with LivingLight switches from BTicino® (non-axial)



NEW



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



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



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**



single phase kilowatt hour counter for DIN-rail mounting

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



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**



3 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®

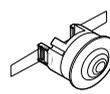
- motion, twilight and temperature detection
- light sensitivity and timeout are customisable
- temperature sensor with output channels for high and low alarms
- the sensor head can be oriented horizontally and vertically



VMBPIROW



VMBPIROB



VMBPIRC

motion and twilight sensor for ceiling mount

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

mini motion and twilight sensor for recessed or surface mounting

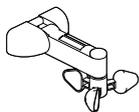
- same features as **VMBPIRC**
- suitable for recessed mounting (diameter 18 mm) and surface mounting (housing included)
- white and black lenses included



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°



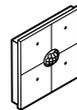
VMBMETEO





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 (VMBGP4B/W) apply [3]



VMBGP4PIRW



VMBGP4PIRB

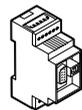
6 configuration modules

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.



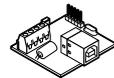
configuration module
with USB and RS-232 interface

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



VMBRSUSB

also available



configuration module with USB
interface for universal mounting
VMBIUSB

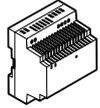
[3] except for double and multi button functions

7 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



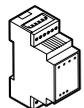
8 dimmer modules

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



four-channel 0/1–10 V dimmer

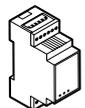
- 49 modes: on/off, dim on, dim off, activate dimmed mood, 1 button dimming, timers...
- each channel can be combined with our own VMB2LEDDC or with 0–10 V dimmers from other brands



VMB4DC

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

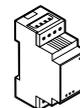
- short-circuit protection
- thermal cut-off
- frequency: 500 Hz
- max. 100 W per channel at 12 V
- max. 200 W per channel at 24 V



VMB2LEDDC

single channel TRIAC dimmer for resistive and inductive loads

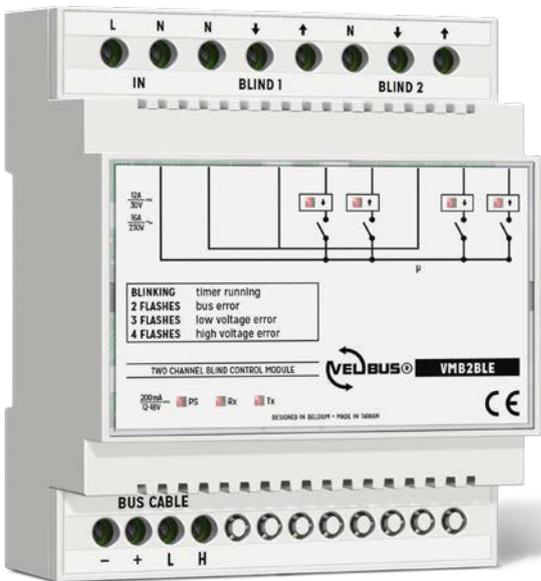
- 50 modes: on/off, dim on, dim off, activate dimmed mood, 1 button dimming, timers...
- dims resistive and inductive loads (leading edge)
- power: max. 400 W



VMBDMI-R

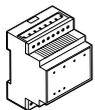
blind/shutter modules

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 × 16 A



VMB2BLE

single channel blind control module for universal mounting

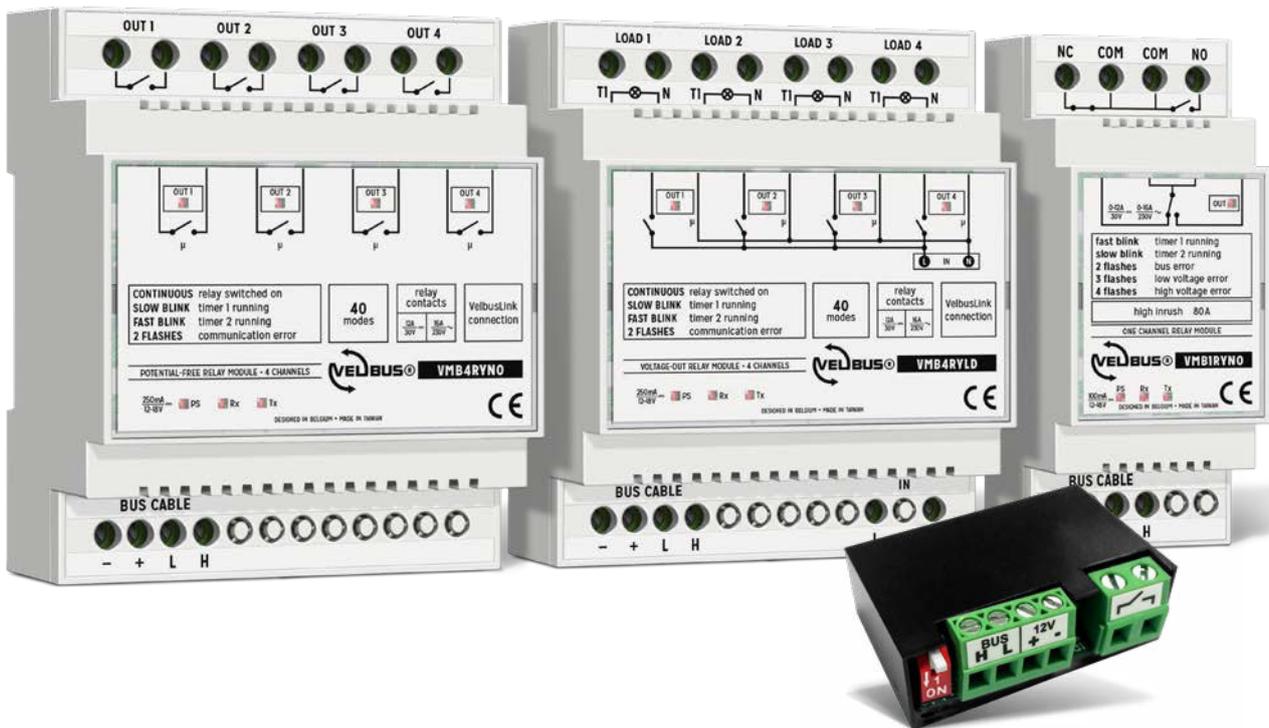
- small moulded version for use in roller blind housings
- 105 modes: up, down, to position...
- built-in astronomical clock
- can be set to specific positions
- can be used stand-alone
- max. current: 16 A



VMB1BLS

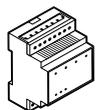
relay modules

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

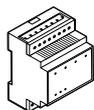
- can be operated on the module itself
- 40 modes: *on/off*, *delayed off*, *timers...*
- 4 potential-free contacts + 1 virtual relay
- max. current: : 4 × 16 A



VMB4RYNO

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

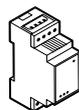
- can be operated on the module itself
- 40 modes: *on/off*, *delayed off*, *timers...*
- 4 voltage outputs (single pole interruption) + 1 virtual relay
- max. current: 16 A



VMB4RYLD

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

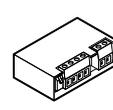
- 40 modes: *on/off*, *delayed off*, *timers...*
- 1 change-over potential-free relay contact + 4 virtual relays
- max. current: 16 A



VMB1RYNO

mini single channel relay module with potential-free contact for universal mounting

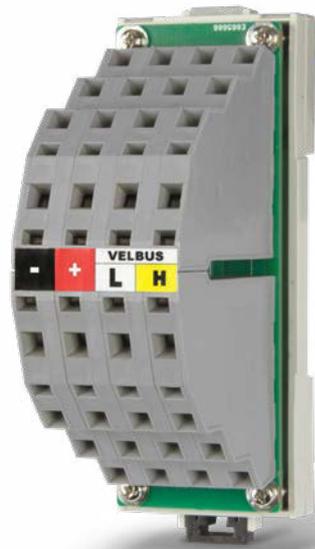
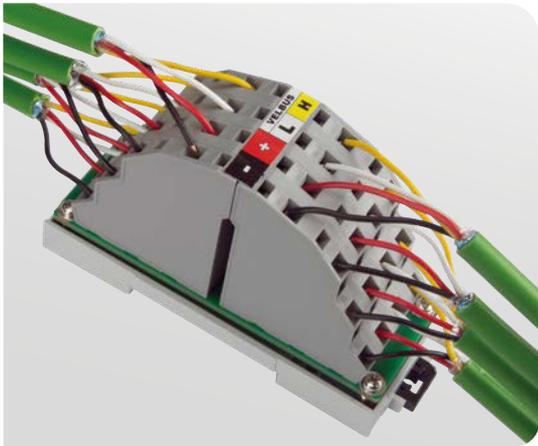
- 40 modes: *on/off*, *delayed off*, *timers...*
- 1 relay contact + 4 virtual relays
- 50 W at 230 VAC with resistive load
- 25 W at 230 VAC with inductive load



VMB1RYNOS

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

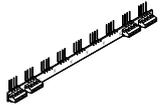


VMBTB

IMPROVED DESIGN

interconnection rail for DIN-rail modules

- 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

12 smartphone/tablet control

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

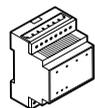
A signum IoT gateway your connection to the world



SOON

signum IoT gateway

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



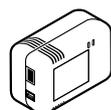
VMBSIG



B Home Center interface server of Stijnen Solutions

Home Center interface server

- control through smartphone, tablet, internet,...
- IoT connections
- internet clock synchronisation
- configuration through LAN gateway
- more information on www.homecenter.be



VMBHIS



references

Bostoën



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

WWW.BOSTOEN.BE

Velleman



Velleman uses a fully automated VELBUS system for its premises: over 200 modules ensure perfect operation.

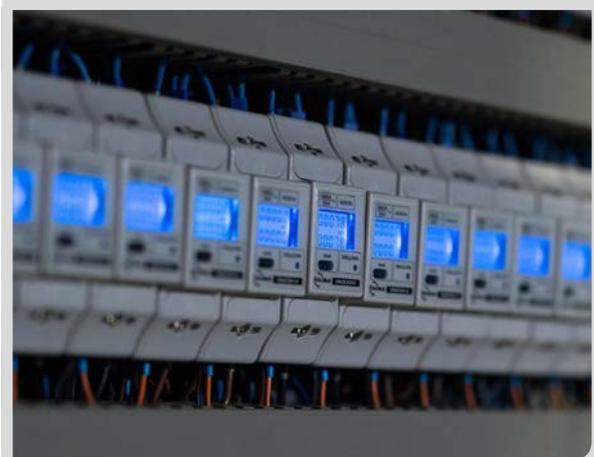
WWW.VELLEMAN.EU

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.



industry



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

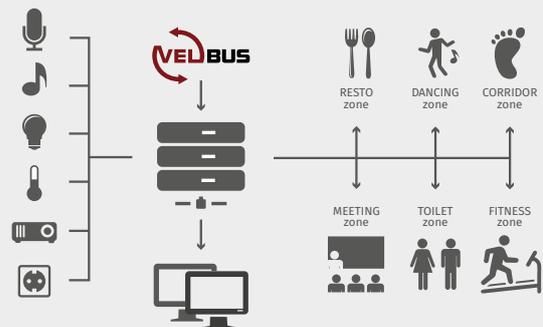
EXAMPLE DESIGNED BY SOBELCO TECHNICS BVBA

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

A

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
	set of 5 supports for VMBGP glass control modules, screw version	VMBGPFS

B

Edge Lit · frosted

feedback/mood lights with RGBW side LEDs

	edge-Lit control module with 1 touch key · pure white	VMBEL1-PF
	edge-Lit control module with 1 touch key · black	VMBEL1-BF
	edge-Lit control module with 2 touch keys · pure white	VMBEL2-PF
	edge-Lit control module with 2 touch keys · black	VMBEL2-BF
	edge-Lit control module with 4 touch keys · pure white	VMBEL4-PF
	edge-Lit control module with 4 touch keys · black	VMBEL4-BF
	edge-Lit control module with OLED display and temperature controller · pure white	VMBELO-PF
	edge-Lit control module with OLED display and temperature controller · black	VMBELO-BF

Edge Lit · glossy

feedback/mood lights with RGBW side LEDs

	edge-Lit control module with 1 touch key · pure white	VMBEL1-PG
	edge-Lit control module with 1 touch key · black	VMBEL1-BG
	edge-Lit control module with 2 touch keys · pure white	VMBEL2-PG
	edge-Lit control module with 2 touch keys · black	VMBEL2-BG
	edge-Lit control module with 4 touch keys · pure white	VMBEL4-PG
	edge-Lit control module with 4 touch keys · black	VMBEL4-BG
	edge-Lit control module with OLED display and temperature controller · pure white	VMBELO-PG
	edge-Lit control module with OLED display and temperature controller · black	VMBELO-BG

C

Covers

for GP and Edge Lit series

	glass cover plate for BTicino® LivingLight · white	VMBGP1SW
	glass cover plate for BTicino® LivingLight · black	VMBGP1SB
	double glass cover plate for BTicino® LivingLight · white	VMBGP2SW
	double glass cover plate for BTicino® LivingLight · black	VMBGP2SB

3

video phone



Doorbird based video phone, flush mounted

VMBVP01F



Doorbird based video phone, surface mounted

VMBVP01S

4

input modules



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

set of 5 amber feedback LEDs for NIKO® push-buttons · for use with **VMB8PBU**

VMBLDAN

set of 5 amber feedback LEDs for BTicino® LivingLight push-buttons (non axial) · for use with **VMB8PBU**

VMBLDAB



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

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



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

6

configuration modules



configuration module with USB and RS-232 interface

VMBRSUSB



configuration module with USB interface for universal mounting

VMBIUSB

7

power supply module



switch mode power supply module

VMBSMPS

8

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

9

blind/shutter modules



two-channel blind control module for DIN-rail

VMB2BLE



single channel blind control module for universal mounting

VMB1BLS

10

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 relay module with potential-free contact for universal mounting

VMB1RYNOS

11

connectors



distribution terminal block for bus cables

VMBTB



interconnection rail for DIN-rail modules

VMBRAIL-R

12

smartphone/tablet control



Home Center interface server

VMBHIS



signum IoT-gateway

VMBSIG



WWW.VELBUS.EU

Copyright Velleman® nv. All texts and images are subject to changes and corrections—Source technical drawing on p. 10: Bostoer nv—BTicino® is a registered trademark of BTicino S.p.A.—Logitech Harmony® is a (registered) trademark of Logitech in the united states and other countries—iPhone® and iPad® are trademarks of Apple Inc.—All registered trademarks and trade names are the property of their respective owners and are used only for the clarification of the compatibility of our products with the products of the different manufacturers.

velbus
Velleman nv
Legen Heirweg 33
9890 Gavere, België
tel. +32 9 384 36 11
fax +32 9 384 67 02
info@velbus.eu
www.velbus.eu

