Velbus

Velbus is a wired home automation systems from Velleman.

The Velbus plugin supports a range of Velbus modules. At startup of the plugin it will scan the Velbus for connected modules. All supported modules are automatically added to DomotiGa if the Auto Device Create feature is enabled.

To connect Velbus to DomotiGa you need a VMB1USB (confirmed to work) which presents itself in Linux as a ttyACM device. The VMBRSUSB or VMB1RS should work as well but has not been confirmed to work with DomotiGa.

DomotiGa only supports controlling the listed modules. Configuring Velbus modules has to be done using the Velbus Link software. You can enable the relay port in DomotiGa to allow the Velbus link software to connect to the Velbus infrastructure via DomotiGa over TCP.

Supported modules (confirmed)

The currently supported modules are listed below.

VMB4DC

4 Channel 0(1)...10V output controller

Each channel is a separate dimmable device.

- Value 1: Dim status (On, Dim 1-99, Off)
- Value 2: Led status (On, Off, Blink slow, Blink fast, Blink very fast)

Extra feature: By setting value 1 to "Last" the channel will dim to the last know dim level.

VMB4RY

4-Channel relay module

Each relay is a separate switchable device

- Value 1: Relay status (On, Off)
- Value 2: Led status (On, Off, Blink slow, Blink fast, Blink very fast)

VMB6PBN

Push-button interface for niko® 4- or 6-fold push-button

Each input is a separate device

- Value 1: (Pressed, Released, Pressed (long)

VMB7IN

7-Channel input module

Each input is a separate device

- Value 1: Pressed, Released, Pressed (long)

If channel 1 to 4 is configured as a energy counter channel, the energy values are populated:

- Value 2: Current energy use
- Value 3: Energy counter

VMB8PB

8-channel push-button module

Each input is a separate device

- Value 1: Pressed, Released, Pressed (long)

VMB8PBU

Push-button interface with 8 channels for universal mounting

Each input is a separate device

- Value 1: Pressed, Released, Pressed (long)

VMBDME

Dimmer for electronic / resistive load

Dimmer status is controllable like any dimmer.

- Value 1: Dim status (On, Dim 1-99, Off)
- Value 2: Led status (On, Off, Blink slow, Blink fast, Blink very fast)

Extra feature: By setting value 1 to "Last" it will dim to the last know dim value.

VMBDMI

Single channel triac dimmer for resistive and inductive loads

Dimmer status is controllable like any dimmer.

- Value 1: Dim status (On, Dim 1-99, Off)

Extra feature: By setting value 1 to "Last" it will dim to the last know dim value.

VMBGP1

Glass control module with 1 touch key, both the white and black versions

- Value 1: Pressed, Released, Pressed (long)

VMBGP2

Glass control module with 2 touch keys, both the white and black versions

- Value 1: Pressed, Released, Pressed (long)

VMBGP4

Glass control module with 4 touch keys, both the white and black versions

- Value 1: Pressed, Released, Pressed (long)

VMBGPO

OLED touch panel, both the white and black versions

- Value 2: (Temperature of internal sensor)

VMBGPOD

Glass control module with oled display and temperature controller, both the white and black

- Value 2: (Temperature of internal sensor)

Supported modules (unconfirmed)

DomotiGa contains the code for the supported modules listed below. Unfortunately it's unknown if DomotiGa correctly supports these modules as they are not tested in real live.

VMB1BL

Single Channel blinds control module

Requirement: DomotiGa 1.0.025 or higher

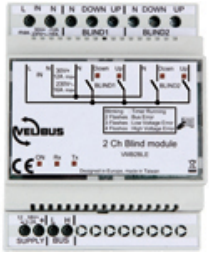
VMB2BL

2 Channel blinds control module

Requirement: DomotiGa 1.0.025 or higher

VMB2BLE

2 Channel blinds control module



Requirement: DomotiGa 1.0.020 or higher

VMB4RYDL

Programmable 4 Channel voltage out relay module

Requirement: DomotiGa 1.0.022 or higher

VMB4RYNO

4 Channel relay module

Requirement: DomotiGa 1.0.020 or higher

VMB4PD

Lcd command module with 8 functions

Requirement: DomotiGa 1.0.025 or higher

Related Resources

Link to a protocol summary (very short):
http://forum.velleman.eu/viewtopic.php?f=26&t=3020

- **848aabd2f052f0b8e57502444d859608?rating=PG&size=20&default=mm Added by BreFra over 4 years ago**

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Updated by: 647910a22f5c8ea1bed548fc241e8e6f?rating=PG&size=14&default=mmAlexie, Updated over 2 years ago
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