

VMB7IN datasheet

7-channel input module (potential free + pulse) for DIN rail

Connect any type of sensor or switch (distance is not an issue) and you can control anything. E.g. connect the motion detector of your driveway and switch on the garden lighting for 2 minutes. The module has very extended timer functions.

The first 4 inputs can be used as counter inputs for connection of a kWh or other pulse counter, to measure the power consumption. Measured values can then be shown on a VMBGPODB or VMBGPODW glass control module, and can also be used as alarm values to trigger Velbus events (eg. switch on or off relays).



Features

- contacts may be placed at a long distance from the module
- local buttons and LED indication per input
- different reaction times can be set for each input: 0, 1, 2 or 3 seconds
- complete configuration via Velbus PC interface (e.g. VMB1USB, VMBRSUSB) and VELBUSLINK
- detects long or short press to activate second channel
- multi-channel possibility, each short press activates next channel
- extended day, week and year timers with possible sun (rise/set) synchronisation
- connect a kWh counter (VMBKWH14, VMBKWH18 or VMBKWH310) and monitor your energy consumption using VELBUSLINK or one of our operation panels VMBGPODW, VMBGPODB or VMBLCDWB.

Specifications

- LED indication for supply and data
- 250 possible addresses

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|-----------------------------|------------------------------------|
| power supply | 15±3VDC |
| max. consumption | 150 mA |
| standby current consumption | 30 mA |
| dimensions | 90 x 36 x 58 mm / 3.5 x 1.4 x 2.3" |
| width | 2 DIN modules |
| allowed voltage on inputs | 0..+15V |

Protocol manuals for developers: available for download at <https://github.com/velbus>

VELBUS • VMB7IN

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