

## VMBDMI-R datasheet

### Single channel triac dimmer for resistive and inductive loads

1-channel 400W dimmer (redesign of the VMBDMI with improved hardware). Create an atmosphere which suits you best or let your lights dim slowly to avoid unexpected surprises. It is also possible to simulate a sunrise which makes waking up a lot more pleasant!



### Features

- leading edge dimmer
- suited for: incandescent bulbs, halogen lamps on AC, low-voltage halogen lamps in combination with dimmable wire-wound iron core
- soft turn on / off extends bulb life
- thermal protection
- switches off with too inductive loads (feature can be disabled for use with dimmable LED lamps)
- 250 possible addresses
- operating modes:
  - dimming
  - slow on / off
  - timer
  - multi level dimmer
  - moods
- turn off time: from 1 s to 3 days
- dimming speed: from 2 s to 23 h
- dimming from 0 until 100 % in 4 s
- minimum level can be preset
- built-in not resettable fuse

### Specifications

|                    |   |
|--------------------|---|
| AC power           | 220 - 240 V 50 Hz   |
| max. load          | 400 W   |
| minimum load       | 40W (if necessary add an electronic preload)                      |
| thermal protection | > 80 °C to 25 % light intensity<br>> 90 °C to 0 % light intensity |
| power supply       | 15±3VDC   |
| dimensions         | 90 x 36 x 58 mm   |
| width              | DIN 2 modules   |
| consumption        | 30 mA   |
| fuse               | 4A slow, 5x20mm   |

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

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