micro BT

VE797200



DIN-rail mounted digital electronic switch with 230 VAC power supply, 1 module, 1 relay. Programming is available by time (daily or weekly) or astronomical (from dusk to dawn). Product equipped with Bluetooth interface for pairing with smartphones and tablets, allowing program transfer via dedicated app for easier and faster management. The backup battery allows the date and time to be maintained even in the absence of power supply. A rear compartment with cover allows the battery to be replaced easily and safely.

General features

- Integrated Bluetooth BLE 5.1 interface for program exchange with the dedicated app
- Front panel key for device management
- LEDs on the front for status indication
- Application for iOS and Android systems
- Battery life: approx. 4 years (with service flap for replacement)
- Programs: ON, OFF, pulse (1–59 seconds), holiday, night (astronomical)
- Random output switching function
- Manual relay override (temporary or permanent)
- Automatic daylight saving time update
- Sunrise and sunset time correction: ± 120 minutes
- Low battery warning
- Local operation lock function: device can only be controlled via the app (keyboard input ignored)

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	5.2 (0.7) VA (W)
Buffer battery type	CR-1632 Lithium 3 V (NOT rechargeable)
Battery autonomy	4 years
Power reserve	1 minute
Parameter settings	
Programming	Hourly (Daily / Weekly) or Astronomical
Programming resolution	1 minute
Number of storable programmes (events)	120
Functions	
Automatic daylight saving/standard time changeover	✓
Keypad lock function	✓

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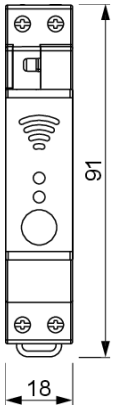
Revision date: 2026-02-02

Functions	
Manageable by application	✓
Connectivity	
Transmission frequency	2400 - 2483,5 MHz
Maximum transmitted radio frequency power	4 dBm
Operating conditions	
Operating temperature range	-20 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C
Connectable loads	
Incandescent lamps	2000 W
Fluorescent lamps (neon)	1000 VA
Halogen lamps (230 V)	2000 W
Low Consumption Lamps (CLF)	200 W
LED lamps	200 W
Outputs	
Relay number	1
Relay type	Normally open
Relay capacity at 250 Vac	16 (10) A
Terminations	
Maximum cable cross-section	2.5 mm²
Mechanical features	
Protection degree	IP20
Physical features	
Device command	Keys
Overall dimensions	
Height (A)	91 mm
Width (B)	18 mm
Depth (C)	65 mm

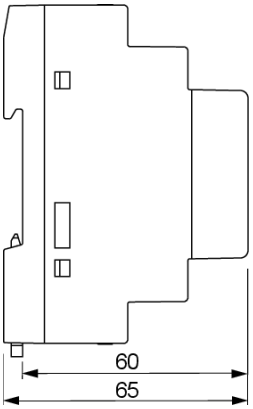
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Dimensions

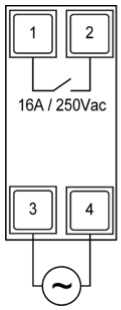
Front View



Side View



Wiring diagram



Remote control

Fully manageable via smartphone and tablet app

Memo

memo

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Memo is the smart application designed to control and programme Vemer digital watches. Depending on the model, the watch can be connected to smartphones and tablets via the NFC interface or Bluetooth connection. The Memo application's intuitive interface ensures practical and immediate use of the included functionalities, simplifies the management of device settings and its programming, and offers the user a wide range of customisation possibilities.

App features

- **Program management**
  Allows creating, editing, and renaming programs directly on the smartphone.
- **Copy / Paste programs**
  Allows transferring created programs to multiple timers of the same model. Acquire programs from one timer and copy them to other timers of the same model (copy / paste).
- **Relay Outputs**
  Allows manual switching of relay outputs.
- **GPS**
  Allows configuring the geographic coordinates on the timer.
- **Date / Time**
  Allows configuring the date and time on the timer.
- **Random output switching function**
  It allows you to switch the relay outputs automatically at regular intervals.

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Reference standards

Compliance with Community Directives:

• 2014/53/UE (RED) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN IEC 60730-2-7 • EN 62479 • ETSI EN 300 328 • ETSI EN 301 489-1 • ETSI EN 301 489-17 • EN IEC 63000

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