simply D

VE512000



Digital time switch, 230 Vac, DIN-rail mounted, 2-module, 48 virtual trippers. The device offers daily programming.

General features

- Backlit display showing programming, time, and relay status
- Battery life: 5 years (with service flap for replacement)
- Automatic daylight saving time update
- Product supplied with factory-set date and time
- Backup battery to maintain date and time even without mains power
- Low battery warning
- Manual relay override (temporary or permanent)
- Relay switching only when power is present
- The display backlight automatically switches off in the event of a power failure to save energy
- 48 virtual trippers with 30-minute resolution

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	6 (1) VA (W)
Buffer battery type	CR-2032 Lithium 3 V (NOT rechargeable)
Battery autonomy	5 years
Power reserve	1 minute
Parameter settings	
Programming	Daily
Programming resolution	30 minutes
Measure	
Watch accuracy	± 1 second/day at 25 °C
Functions	
Automatic daylight saving/standard time changeover	✓

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.

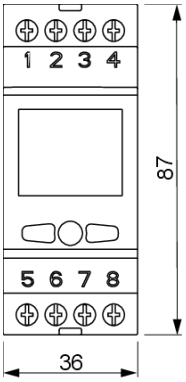
Revision date: 2026-02-02

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
Approvals and certifications	
ENEC approval	✓
Viewing	
Number of trippers	48 (virtuali)
Outputs	
Relay number	1
Relay capacity at 250 Vac	16 (10) A
Mechanical features	
Protection degree	IP20
Physical features	
Device command	Keys
Backlighting	✓
Overall dimensions	
Height (A)	87 mm
Width (B)	36 mm
Depth (C)	65 mm

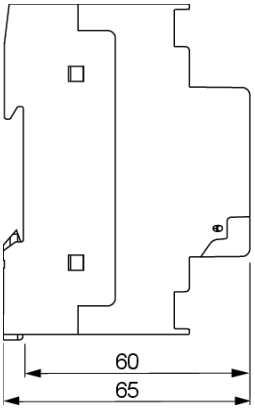
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Dimensions

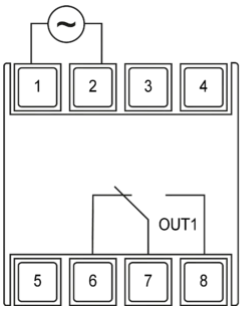
Front View



Side View



Wiring diagram



Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN IEC 60730-2-7 • EN IEC 63000

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