memo BUS

VE747400



Digital electronic switch, 115–230 Vac, DIN-rail mounted, 3-module. Device offers hourly (daily/weekly/monthly/yearly) or astronomical (sunset to sunrise) programming, with 1 relay (expandable to 9). Allows management of 9 channels; channel 1 via onboard relay, channels 2–9 via BUS-485 connection by 2 RX4-8A remote actuators (accessory). Each channel may be assigned a different program (hourly or astronomical). A GPS module GEO-1 (available as accessory) can also be connected via BUS-485, for precise acquisition of time, date and geographical location through the satellite system, ensuring maximum accuracy over time (time synchronised every 30 minutes)

General features

- Large backlit display for viewing date, time, and channel status
- Sealable keyboard cover
- Backup battery replacement flap (type CR 14250)
- Terminals for connecting additional relay modules and GPS module via BUS-485
- Additional relay module RX4-8A (part number VN943700) or RX7-5A (part number VE443800)
- Optional GPS module GEO-1 (code VE747200)
- Available programs: ON/OFF, pulse, holiday, night (astronomical)
- Independent channels to control 9 loads (relays):
  - 1 relay on board the device
  - 8 relays implemented by connecting two RX4-8A (or RX7-5A) actuators
- Maximum storable programs: 450 (900 events), distributed across 9 channels
- Possibility of automatic acquisition of date, time and geographical position by connecting the GEO-1 module
- Random output switching function
- Manual relay override (temporary or permanent)
- Possibility to copy programs from one channel to others
- Possibility to copy all saved programmes to another BUS memo connected via BUS-485 (network with multiple BUS memos connected)
- Menu in 5 languages: Italian, English, Spanish, German, French
- Automatic daylight saving time update
- Sunrise and sunset time correction: ± 120 minutes
- Keypad lock function with password to prevent modifications by unauthorised people

Technical specifications

Power supply	
Power supply	115 ÷ 230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	7 (2.6) VA (W)
Buffer battery type	CR-14250 Lithium 3 V (NOT rechargeable)
Battery autonomy	5 years
Power reserve	1 minute

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.

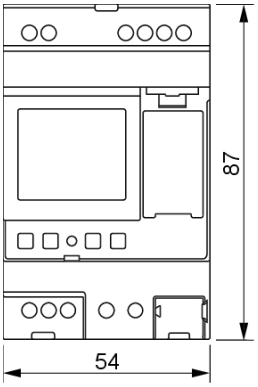
Revision date: 2026-02-02

Parameter settings	
Programming	Hourly (Daily / Weekly / Monthly / Yearly) or Astronomical
Programming resolution	1 minute
Number of storable programmes (events)	450
Measure	
Watch accuracy	± 0.5 seconds/day at 25 °C (without GEO-1)
Functions	
Automatic daylight saving/standard time changeover	✓
Keypad lock function	✓
Operating conditions	
Operating temperature range	0 ÷ 50 °C
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 + 8
Relay type	Heat exchange
Relay capacity at 250 Vac	16 (10) A
Serial interface output	✓
Probe power supply	12 Vdc (-10% ÷ +10%) 1 W
Mechanical features	
Protection degree	IP20
Physical features	
Device command	Keys
Backlighting	✓
Overall dimensions	
Height (A)	87 mm
Width (B)	54 mm
Depth (C)	65 mm

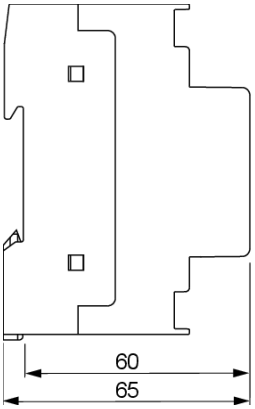
Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical 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.

Dimensions

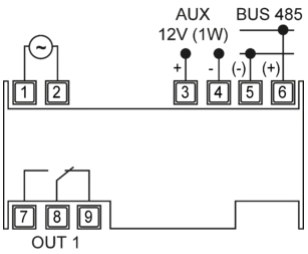
Front View



Side View



Wiring diagram



Accessories compatible with the product

RX7-5A

VE443800

230 Vac wall-mounted remote actuator for radio frequency devices with 6 relays 8A/250V

RX4-8A

VN943700

230 Vac wall-mounted remote actuator for radio frequency devices with 4 relays 8A/250V

GEO-1

VE747200

GPS module, 12 Vdc

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

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.