Energy-230 Micro LCD

VE758400



Static energy meter for displaying active energy consumption in single-phase 230 Vac systems. 230 Vac power supply, DIN-rail mounted (1 module), direct current input up to 25 A, LCD display and pulse output.

General features

- Red flashing LED: indicates active energy consumption (2000 flashes per kWh)
- Non-resettable total energy meter
- Class index 1
- Static counter with direct connection, max. 25 A
- Electromechanical counter, 5 digits + decimal
- Active energy consumption indication: 2000 flashes per kWh
- Optoisolated pulse output

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	0.5 VA
Measure	
Energy display resolution	0.1 kWh
Active energy measurement accuracy	Class 1 (EN IEC 62053-21)
AC current range	25 A
Type of insertion - current	Direct
Starting current	20 mA
Basic current	5 A
Maximum current	25 A
Operating conditions	
Operating temperature range	-20 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C

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

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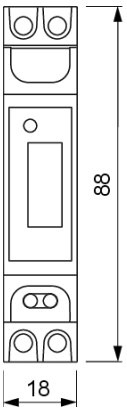
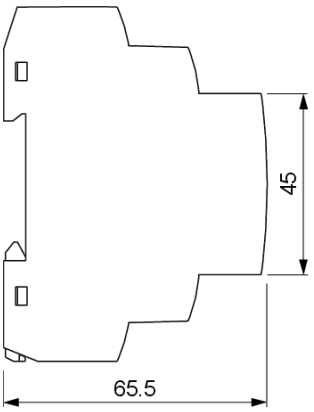
Viewing	
Display	LCD
Digits number	6
Outputs	
Optoisolated pulse output	✓
Pulse weight	0.5 Wh
Pulse duration	30 ms
Pulse output current	< 27 mA
Output pulse voltage	18 ÷ 27 Vdc
Mechanical features	
Protection degree	IP20
Overall dimensions	
Height (A)	88 mm
Width (B)	18 mm
Depth (C)	65.5 mm

Dimensions

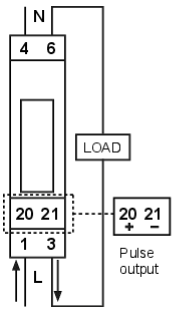
Front View



Side View



Wiring diagram



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Accessories compatible with the product

LAN-485

VE304200

LAN/RS-485 interface + software (on request)

Energy-View

VN970000

System consisting of a USB/RS-485 interface and software for energy meters

CLIP-485

VN905600

Energy series concentrator module for meters

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 61010-1 • EN IEC 62052-11 • EN IEC 62053-21 • EN IEC 63000

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