Energy-230 LC

VN960100



Static energy meter for displaying active energy consumption in single-phase 230 Vac systems. 230 Vac power supply, DIN rail installation (2 modules), direct current input up to 22.5 A and electromechanical counter.

General features

- Green LED: power presence
- Red blinking LED: indicates active energy consumption (each blink = 10 Wh)
- Non-resettable total energy meter
- Class index 2
- Static counter with direct connection, max. 22.5 A
- Electromechanical counter, 5 digits + decimal
- Active energy consumption indication: 1 LAMP = 10 Wh

Technical specifications

Power supply	
Power supply	230 Vac (-15% ÷ +10%)
Frequency	45 / 65 Hz
Measure	
Energy display resolution	0.1 kWh
Active energy measurement accuracy	Class 2 (EN IEC 62053-21)
Voltage circuit absorption	4 VA
Current circuit absorption	2 VA
AC current range	22.5 A
Type of insertion - current	Direct
Starting current	< 50 mA
Nominal - rated current	15 A
Maximum current	22,5 A
Operating conditions	
Operating temperature range	-10 ÷ 45 °C
Relative humidity	10% ÷ 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

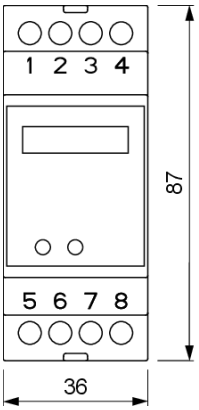
Energy-230 LC

VN960100

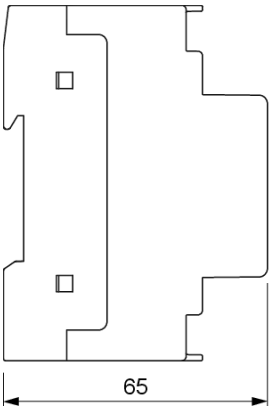
Viewing	
Features of electromechanical counter	5 + 1 digits
Digits number	6
Viewing	Electromechanical counter
Mechanical features	
Protection degree	IP20 IP51 (on the front)
Overall dimensions	
Height (A)	87 mm
Width (B)	36 mm
Depth (C)	65 mm

Dimensions

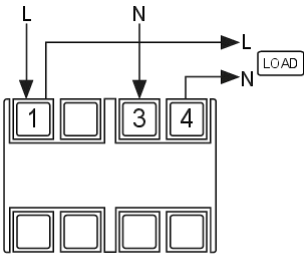
Front View



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 61010-1 • EN 50470-1 • EN 50470-3 • 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.

Revision date: 2026-02-02