ADR-D Vision

VN812400



9-module DIN-rail network analyser, 115 ÷ 230 Vac or 140 ÷ 300 Vdc supply. Designed for monitoring main electrical parameters in single-phase, three-phase and three-phase + neutral low voltage systems with balanced and unbalanced loads.

General features

- Possibility to ground TA secondaries
- CT and VT ratios selectable directly via programming
- Resetting the active energy meter
- Reactive energy meter reset
- Possibility to insert a password for programming access protection
- Three 3-digit LED displays for phase electrical quantities and one 7-digit display for active and reactive energy indication
- Immediate display of system size by pressing the corresponding key
- Measuring device for:
  - TRMS voltages (line and phase)
  - TRMS currents
  - Active, reactive, apparent power
  - Active and reactive energy
  - Frequency
  - Power factor (cos φ)
  - Phase angle

Technical specifications

Power supply	
Power supply	115 ÷ 230 Vac (-15% ÷ +10%) 140 ÷ 300 Vdc (-15% ÷ +10%)
Frequency	50 / 60 Hz
Absorption	4 VA
Measure	
Current measurement accuracy	± 0.5% of full scale + 1 digit
Voltage measurement accuracy	± 0.5% of full scale + 1 digit
AC current range	1 ÷ 9999 A
AC voltage range	1 ÷ 9999 V 10000 ÷ 65000 V
Type of insertion - current	Via external CT x/5
Type of insertion - voltage	Direct Via external TV x/230

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.

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Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	10% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C
Viewing	
Display	4 red LEDs
Digits number	3 (for upper displays) 7 (for lower display)
Digits size	14 mm (for upper displays) 9 mm (for lower display)
Terminations	
Termination type	Terminal blocks
Maximum cable cross-section	2.5 mm²
Mechanical features	
Protection degree	IP54
Overall dimensions	
Height (A)	90 mm
Width (B)	162 mm
Depth (C)	58 mm

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 61000-6-2 • EN IEC 61000-6-3 • EN IEC 62052-11 • EN IEC 62053-21 • EN IEC 62053-23 • EN IEC 63000

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