ADR-R E Spot

VE279600



Panel-mounted network analyser (72×72 mm), 230 Vac supply, current input via CT. Designed for monitoring main TRMS electrical parameters in single-phase and three-phase systems with or without neutral, with balanced and unbalanced loads.

General features

- Possibility to display system parameters
- Backlit LCD display with 3 numeric fields
- CT and VT ratios selectable directly via programming
- Resetting the active energy meter
- Reactive energy meter reset
- Backlight management: ON/OFF or timer-controlled
- Device for measuring:
  - Voltages (TRMS) (line and phase)
  - Currents (TRMS)
  - Active, reactive, apparent power
  - Active and reactive energy
  - Frequency
  - Power factor (cos φ)
  - Phase angle

Technical specifications

Power supply	
Power supply	230 Vac (-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
Frequency measurement accuracy	± 1 Hz
Active energy measurement accuracy	Class 2
Reactive energy measurement accuracy	Class 3

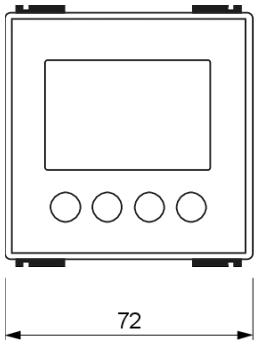
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Revision date: 2026-02-02

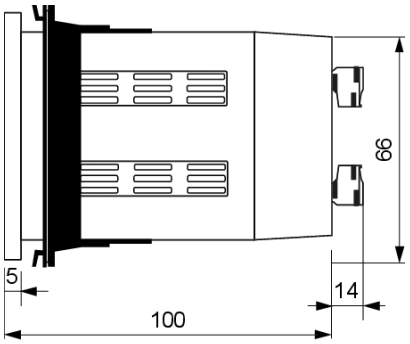
Measure	
Active power measurement accuracy	1% full scale ± 1 digit
AC current range	1 ÷ 9999 A
AC voltage range	(direct entry) 550 V 1 ÷ 9999 V
Type of insertion - current	Via external CT x/5
Type of insertion - voltage	Direct Via external TV x/230
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	10% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C
Viewing	
Display	Backlit LCD
Terminations	
Termination type	Plug-in terminal block
Maximum cable cross-section	2.5 mm²
Mechanical features	
Protection degree	IP54
Overall dimensions	
Height (A)	72 mm
Width (B)	72 mm
Depth (C)	114 mm

Dimensions

Front View

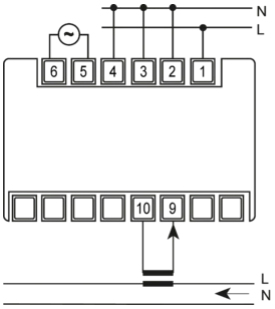


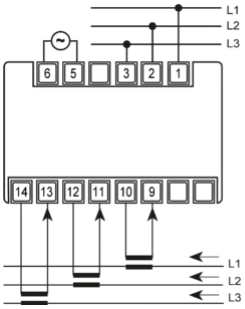
Side View

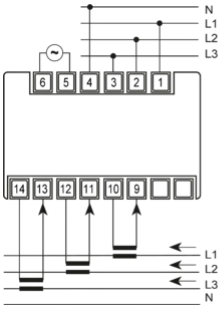


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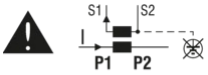
Wiring diagram







Graphic details



Warning: the secondary circuits of current transformers MUST NOT be connected to earth.

Product variants

ADR-R Spot

VN560900

Panel-mounted network analyser, current input via CT, with isolated current inputs, 230 Vac supply.

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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