

# Network analyzers

Network analyzers to monitor the main electrical measurements in single-phase, three-phase and three-phase + neutral systems in low voltage with balanced and unbalanced load.

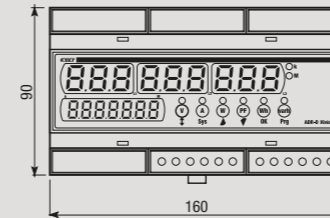


## ADR-D Vision

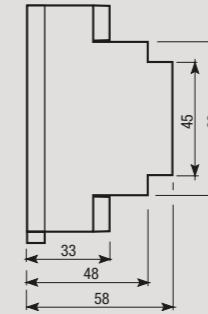
- Measurement instrument for:
  - Voltage (TRMS) (concatenated and phased)
  - Current (TRMS)
  - Active, reactive and apparent power
  - Active and reactive energy
  - Frequency
  - Power factor (cos φ)
  - Phase angle

## DIMENSIONS (mm)

### Front view

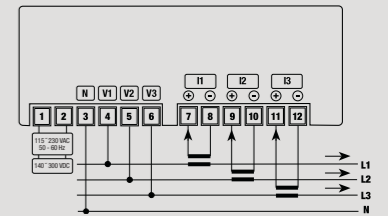


### Side view



## CONNECTION DIAGRAM

### Diagram



## MEASUREMENT AND CONTROL

### ADR THREE-PHASE

- Possibility of earthing the secondary circuits of the CT
- CT and VT ratios selectable directly during programming
- Active energy meter zeroing
- Reactive energy meter zeroing
- Power supply: 115 ÷ 230 V AC 50/60 Hz 140 ÷ 300 V DC
- Protection password to access the programming
- Three 3 digits LED displays each to view the phase measurements and one 7 digits display to view the active and reactive energy
- Direct view of the system measurement by pressing the corresponding key

## TECHNICAL INFORMATION

### GENERAL CHARACTERISTICS

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Absorption	VA	4
Display		3 x 3 digits 14 mm field + 1 x 7 digits 9 mm field
Front protection degree	IP	54
Voltage precision		± (0.5% f.s. + 1 digit)
Current precision		± (0.5% f.s. + 1 digit)
Maximum voltage at phase-phase input		500 V

Operating temperature	°C	0 ÷ +50
Storage temperature	°C	-20 ÷ +60
Terminal block		2.5 mm <sup>2</sup>
Material		Class V0 complying with UL94 standard
Relative humidity		10 ÷ 90% non condensing
Transformation ratios		CT 1 ÷ 9999 A VT 1 ÷ 9999 V VT 10 ÷ 65 kV

Code	Model	Description
VN812400	ADR-D Vision	Network analyzer with LED display

### REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low voltage) and 2004/108/EC (E.M.C.) is declared with reference to the following standards: • Safety: EN 61010-1 • E.M. Compatibility: EN 61000-6-2 / EN 61000-6-4