



1. ELECTRICAL SPECIFICATIONS

Accuracy is given as \pm (% of readings + number of digits) at 23°C \pm 5°C, <80% R.H.

DC VOLTAGE

| Range | Resolution | Accuracy | Input impedance | Overload protection |
|--------------|------------|----------------------|-----------------|---------------------|
| 0.1 ÷ 599.9V | 0.1V | $\pm(1.0\%rdg+2dgt)$ | 1M Ω | 600VACrms |

AC VOLTAGE

| Range | Resolution | Accuracy | Input impedance | Overload protection |
|------------|------------|----------------------|-----------------|---------------------|
| 2 ÷ 599.9V | 0.1V | $\pm(1.0\%rdg+2dgt)$ | 1M Ω | 600VACrms |

Max Crest factor =1.5

AC VOLTAGE (1-wire measure)

| Range | Resolution | Accuracy | Input impedance | Overload protection |
|---------------|------------|--------------------|-----------------|---------------------|
| 50 ÷ 600V (*) | 10V | $\pm(15\%rdg+10V)$ | 1M Ω | 600VACrms |

Max Fattore di cresta =1.5

(*) Measure performed in following normally conditions: instrument handle hard, standard shoes, standard floors, etc

FREQUENCY

| Range | Resolution | Accuracy | Input voltage | Overload protection |
|---------------|------------|---------------------|---------------|---------------------|
| 40.0 ÷ 69.9Hz | 0.1Hz | $\pm(0.5\%rdg+dgt)$ | 2 ÷ 600V | 660VACrms |

RESISTANCE AND CONTINUITY TEST

| Range | Resolution | Accuracy | Buzzer | Overload protection |
|-------------------|------------|----------------------|---------------|---------------------|
| 1 ÷ 1500 Ω | 1 Ω | $\pm(1.0\%rdg+2dgt)$ | R<40 Ω | 600VACrms (60 sec) |

PHASE SEQUENCE AND PHASE CONFORMITY (1-wire measure)

| Range | Input impedance | Overload protection |
|----------------|-----------------|---------------------|
| 100 ÷ 600V (*) | 1M Ω | 600VACrms |

(*) Measure performed in following normally conditions: instrument handle hard, standard shoes, standard floors, etc



2. GENERAL SPECIFICATIONS


Display:

- LCD Display, 3¾ dgt, 1999 counts, decimal point, unit symbol
- Automatic polarity indication
- "OL" overload indication

Features:

- HOLD
- AutoPowerOFF

Low battery indication:

- "  " symbol is shown at display

Working temperature:

- 5°C to 40 °C, <80%UR

Storage temperature:

- -10°C to 60°C, <70%UR

General information:

- Max altitude: 2000m
- Pollution degree: 2
- Insulation: class 2 (double insulation)

Power supply:

- 2 x1.5V alkaline battery type AAA, UM4, R03
- Life battery: about 200 hours

Dimensions:

- 200(L)x51(La)x30(H) mm.

Weight (included batteries):

- 240g

Applied standards:

- LVD: EN 61010-1 CAT IV 600V (tra gli ingressi e tra Fase-Terra)
- EMC: EN60326 (1997) + A1 (1997)

This product conforms to the prescriptions of the European directive on low voltage 2006/95/EEC and to EMC directive 2004/108/EEC