



## 1. ELECTRICAL SPECIFICATIONS

Accuracy in indicated as  $\pm$  (% of reading + number of digits) at  $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$ ;  $<60\%HR$

### Earth Resistance 3-wire and 2-wire systems

Range ( $\Omega$ )	Resolution ( $\Omega$ )	Accuracy	
		Disturbance $\leq 3V_{rms}$	$3V_{rms} < \text{Disturbances} < 6V_{rms}$
0.01 $\div$ 19.99	0.01	$\pm(2.0\%rdg + dgt)$	$\pm(4.0\%rdg + 10dgt)$
20.0 $\div$ 199.9	0.1		
200 $\div$ 1999	1		
2.00k $\div$ 19.99k	0.01k	$\pm(3.0\%rdg + 3dgt)$	$\pm(6.0\%rdg + 10dgt)$
20.0k $\div$ 49.9k	0.1k		

Test current:  $\leq 12\text{mAAC}$   
Open circuit voltage:  $\leq 25\text{V ACTRMS}$   
Test frequency:  $110\text{Hz} \pm 1\text{Hz}$

### Noise Voltages

Range (V)	Resolution (V)	Accuracy
0.0 $\div$ 99.9	0.1	$\pm(2.0\% rdg + 2dgt)$
100 $\div$ 299	1	

## 2. GENERAL SPECIFICATIONS

### DISPLAY:

Features: Custom LCD  
Visible area: 53x53 mm

### POWER SUPPLY:

Batteries: 4x1.5V battery type LR6-AA-AM3-MN 1500  
Low batteries indications: "🔋" symbol at display  
Batteries life: about 500 test  
AutoPowerOFF: after 5 min from last action

### MECHANICAL FEATURES:

Dimensions: 240(L) x 100(W) x 45(H) mm  
Weight (included batteries): about 0.6kg

### WORKING ENVIRONMENTAL CONDITIONS:

Reference temperature:  $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$   
Working temperature:  $0^{\circ} \div 40^{\circ}\text{C}$   
Allowed relative humidity:  $<80\%HR$   
Storage temperature:  $-10 \div 60^{\circ}\text{C}$   
Storage humidity:  $<80\%HR$

### GENERAL REFERENCE STANDARDS:

Safety of measuring instruments: IEC / EN61010-1, IEC / EN61557-1, IEC / EN61557-5  
Technical documentation: IEC / EN61187  
Safety standard accessories: IEC / EN61010-031, IEC / EN61010-2-032  
Insulation: double insulation  
Pollution degree: 2  
Overvoltage category: CAT III 265V to ground, max 415V between inputs  
Max altitude: 2000m  
EMC: EN61326-1

**This instrument complies with the requirements of the European Low Voltage Directives 2006/23/EEC (LVD) and EMC 2005/108/EEC**