

1. REFERENCE CONDITIONS

Parameter	Reference condition
Environment temperature	20°C ± 3°C
Relative humidity	50%RH ± 10%
Battery voltage	6V ± 0.5V
External magnetic field	<30A/m
External electrical field	<1V/m
Clamp positioning	Horizontal
Position of conductor inside the jaws	Centred
Proximity to metal masses	> 10cm

2. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as [% rdg + values]. It is referred to reference conditions

Resistance

Range [Ω]	Resolution [Ω]	Accuracy
0.010 ÷ 0.099	0.001	±(1%rdg + 0.01Ω)
0.10 ÷ 0.99	0.01	
1.0 ÷ 49.9	0.1	±(1.5%rdg + 0.1Ω)
50.0 ÷ 99.5	0.5	±(2.0%rdg + 0.5Ω)
100 ÷ 199	1	±(3%rdg + 1Ω)
200 ÷ 395	5	±(6%rdg + 5Ω)
400 ÷ 590	10	±(10%rdg + 10Ω)
600 ÷ 1000	20	±(20%rdg + 20Ω)

Frequency range of resistance measurement: >1kHz ; Measuring range for setting resistance alarm: 1Ω ÷ 999Ω

Current (TRMS)

Range [A]	Resolution [A]	Accuracy
0.00mA ÷ 80.00mA	0.05mA	±(2.5%rdg + 1mA)
80.0mA ÷ 650.0mA	0.5mA	±(2.5%rdg + 2mA)
650.0mA ÷ 999.5mA	1.5mA	±(2.5%rdg + 10mA)
1.000A ÷ 3.995A	0.005A	±(2.5%rdg + 0.01A)
4.00A ÷ 20.00A	0.01A	±(2.5%rdg + 0.5A)

- Frequency range of current measurement: 50 ÷ 60Hz ; Measuring range for setting current alarm: 1mA ÷ 999mA

- For distorted waveform (CF < 1.414 and CF < 1.9) add 1.5% to percentual error.



3. GENERAL SPECIFICATIONS

Mechanical characteristics

Dimensions (L x W x H):	293 x 90 x 66mm
Weight (including battery):	1320g
Max conductor size:	32mm

Supply

Battery type:	4 x1.5V alkaline LR6 AA MN1500
Low battery indication:	"  " is displayed when the battery level is too low.
Auto power OFF:	about 5 minutes of idleness

Display

Characteristics:	4 LCD, sign and decimal point with backlight
Sample rate:	1 times/sec

Internal memory

Memory capacity:	99 locations
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Climatic conditions

Reference temperature:	20°C ± 3°C
Operating temperature:	0 ÷ 40°C
Operating humidity:	10%RH ÷ 90%RH

Reference standards

Comply with:	IEC/EN 61010-1, IEC/EN61010-2-032
Insulation:	double insulation
Pollution degree:	2
Max height of use:	2000m
Installation category:	CAT III 150V to ground, max 20A

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