



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	<40A/m
External electrical field	<1V/m
Clamp positioning	Horizontal
Position of conductor inside the jaws	Centred
Proximity to metal masses	> 10cm
Loop resistances	None
Frequency of measured sinusoidal current	50Hz
Distortion percentage	<0.5%
Disturbance current in resistance measurement	None

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%rdg + 0.1Ω)
50.0 ÷ 99.5	0.5	±(1.5%rdg + 0.5Ω)
100 ÷ 199	1	±(2%rdg + 1Ω)
200 ÷ 395	5	±(5%rdg + 5Ω)
400 ÷ 590	10	±(10%rdg + 10Ω)
600 ÷ 880	20	±(20%rdg + 20Ω)
900 ÷ 1200	30	±(25%rdg + 30Ω)

Frequency range of resistance measurement: >1kHz ; Measuring range for setting resistance alarm: 1Ω ÷ 199Ω

Current

Range [A]	Resolution [A]	Accuracy
0.00mA ÷ 9.00mA	0.05mA	±(2.5%rdg + 1mA)
10.0mA ÷ 99.0mA	0.1mA	±(2.5%rdg + 5mA)
100mA ÷ 300mA	1mA	±(2.5%rdg + 10mA)
0.30A ÷ 2.99A	0.01A	±(2.5%rdg + 0.1A)
3.0A ÷ 9.9A	0.1A	±(2.5%rdg + 0.3A)
10.0A ÷ 20.0A		±(2.5%rdg + 0.5A)

Frequency range of current measurement: 50 ÷ 60Hz ; Measuring range for setting current alarm: 1mA ÷ 499A




3. GENERAL SPECIFICATIONS

Mechanical characteristics

Dimensions:	260(L) x 90(W) x 66(H)mm
Weight (including battery):	1120g
Max conductor size:	30mm

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:	0.5 times/sec

Internal memory

Memory capacity:	99 locations
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Climatic conditions

Reference temperature:	20°C ± 3°C
Operating temperature:	-10 ÷ 55°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