



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	$\pm(1\%\text{rdg} + 0.01\Omega)$
0.10 ÷ 0.99	0.01	
1.0 ÷ 49.9	0.1	$\pm(1.5\%\text{rdg} + 0.1\Omega)$
50.0 ÷ 99.5	0.5	$\pm(2.0\%\text{rdg} + 0.5\Omega)$
100 ÷ 199	1	$\pm(3\%\text{rdg} + 1\Omega)$
200 ÷ 395	5	$\pm(6\%\text{rdg} + 5\Omega)$
400 ÷ 590	10	$\pm(10\%\text{rdg} + 10\Omega)$
600 ÷ 1000	20	$\pm(20\%\text{rdg} + 20\Omega)$

Frequency range of resistance measurement: >1kHz;

Measuring range for setting resistance alarm: 1 Ω ÷ 9999 Ω



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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Serial communication

RS-232 interface:	Half-duplex, baud rate 4800 baud
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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