



## European directives

This instrument has been designed in compliance with the EMC standards in force and its compatibility has been tested for EN61326-1 (1997) + A1 (1998).

This instrument complies with the prescriptions of the European directive on low voltage 73/23/CEE (LVD) and EMC directive 89/336/EEC, amended by 93/68/EEC.

## Electrical Characteristics

Current Range	300 A / 3000 A AC <sub>RMS</sub>
Output Sensitivity (AC coupled)	1 mV, full scale 1 V
Load Impedance	100 kOhm minimum
Accuracy	± 1% of range (45 – 65 Hz)
Linearity (10% to 100% of range)	± 0.2% of reading
Noise	8 mV AC <sub>RMS</sub> (30 A) 2 mV AC <sub>RMS</sub> (30 / 3000A)
Frequency Range	10 Hz to 5kHz (- 3 dB)
Phase Error	< ± 1° (45 – 65Hz) ± 10° (20 kHz)
Position Sensitivity (with cable > 25mm from the coupling)	± 2% of range
External field... (with cable > 200mm from the head)	± 1% of range
Power Supply	2 x AA MN 1500 LR6 alkaline 400 Hours, low battery indicator
External Power Supply Unit	optional
Temperature coefficient.	± 0,08% of reading per °C
Working Voltage (see Safety Standards section)	600 V AC <sub>RMS</sub> or DC

## General Characteristics

Head Cable length (double insulated)	610 mm
Maximum conductor diameter.	290 mm
Cable Length (head to electronics)	2 meters long, double insulated
Output Connection	0.5 m long cable terminated with Hypertronics connector
Operating Temperature Range	- 20 to +90 °C (head) - 20 to +85 °C (electronics)
Storage Temperature Range	- 40 to +105 °C (head) - 20 to +85 °C (electronics)
Operating Humidity	15% to 85% (non condensing)
Weight	180g (head), 190g (electronics)

## Safety Standards

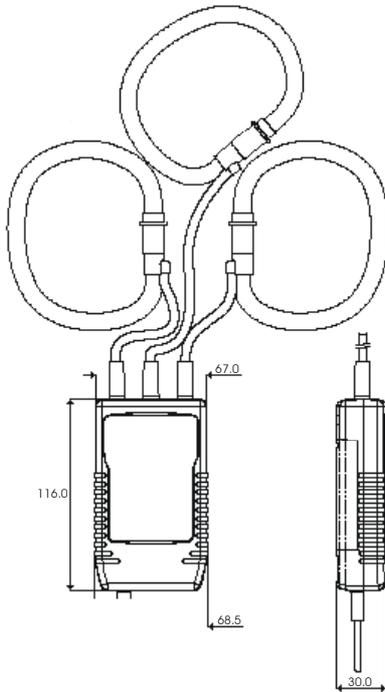
BSEN61010-1 1993 + A2 1995

Use of the probe on **uninsulated conductors** is limited to 600 V AC<sub>RMS</sub> or DC and frequencies below 1 kHz.

## EMC Standards

EN 61326 1998

## Dimensions (in mm)



Specifications subject to change without notice