

SPECIFICATION

Nominal Input Current I_n	1000 Amp continuous
Maximum Input Current	1200 Amp
Measurement Range	5 Amp to 1200 Amp
Output Signal	1 Amp = 1mA
Ratio	1000:1
Typical Accuracy	Amplitude $\pm 0.5\%$ reading Phase 10' to 30' (12' with 0.1 Ohm burden)
Maximum Error	$\pm 1\%$ of reading for 10% I_n to 120% I_n Less than 1° for 10% I_n to 120% I_n
Burden	15VA max for Class 1
Accuracy at 2000Hz	Better than 1% at 400 Amp
Frequency Range	40Hz to 5000Hz Fundamental
Safety Class	Class III per IEC1010-1
Dielectric Strength	4000 Volt 50Hz for 1 minute
Max Working Voltage	Bare Conductor IEC 1010-1 30 Volt rms Bare Conductor IEC 414 640 Volt Isolated Conductor 1000 Volt
Jaw aperture	Diameter 43mm Bus bars 44mm x 12mm or 30mm x 33mm
Environmental	
Operating Conditions	Indoor use at altitudes up to 2000m
Temperature Range	0°C to +50°C
Humidity	Maximum 80% RH at 31°C or 40% RH at 50°C
Protection Degree	IP20
Dimensions	90 x 205 x 40 mm
Weight	480 grams
Colour	Grey
Output	4 mm Safety Sockets

TYPICAL TEST RESULTS Measured at 50Hz with a burden of 0.1 Ohm

Current Amps	Amplitude Error	Phase Error
1	-1.0%	+65'
5	-0.3%	+25'
10	+0.05%	+22'
50	+0.4%	+10'
100	+0.4%	+8'
500	+0.7%	+5'
1000	+0.7%	+4'