

SPECIFICATION

| | | |
|---|--|---|
| Nominal Input Current I_n | 3000 Amps | |
| Maximum Input Current | 3600 Amps continuous, 6000 Amp for 5 min/hour at 20°C ambient | |
| Output Signal | 1 Amp ac | |
| Ratio | 3000A:1A | |
| Typical accuracy | Amplitude, $\pm 0.5\%$ of reading Phase, 10' to 30' | |
| Maximum Error | Amplitude | $\pm 2\%$ of reading for 2% I_n to 120% I_n $\pm 1\%$ of reading for 10% I_n to 120% I_n |
| | Phase | Less than 1° for 10% I_n to 120% I_n |
| Burden | 15VA max for Class 0.5, 20VA max Class 1 | |
| Accuracy at 2000Hz | $\pm 1\%$ at 500 Amp | |
| Frequency Range | 40 Hz to 5000 Hz | |
| Safety Class | Class III per IEC1010-1 | |
| Dielectric Strength | 4000 Volt 50Hz for 1 minute | |
| Max Working Voltage | Bare Conductor | 600 Volt |
| | Isolated Conductor | 1000 Volt |
| Jaw aperture | Diameter 70mm Bus bars 100mm x 46mm or 126mm x 35mm | |
| 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 | 133mm x 336mm x 49mm | |
| Weight | 1700 gms | |
| Colour | Grey | |
| Output | 4mm Safety Sockets | |

Typical Test Results

For 10% I_n to 120% I_n at 50Hz
Errors less than $\pm 0.5\%$ amplitude & 30' phase

