



1. ELECTRICAL SPECIFICATION

Measurement range:	3000A AC _{RMS}
Output signal (@ 1000A _{RMS} , 50Hz):	85mV AC
Input impedance:	236Ω ± 23Ω
Output impedance:	399.2Ω
Accuracy (at 25°C):	± 0.5%rdg (45 ÷ 65Hz)
Linearity (from 10% to 100% of range):	± 0.2% rdg
Frequency range:	10Hz ÷ 20kHz
Phase error:	< ± 1° (45 ÷ 65Hz)
Position sensitivity:	± 2% rdg
Noise:	1mV AC _{RMS}
Overvoltage category	CAT III 1000V AC _{RMS} Phase- Earth
Insulation:	double insulation
Pollution degree:	2 according to IEC/EN610101-1

2. GENERAL SPECIFICATION

Flexible clamp length (double insulation):	900 mm
Maximum conductor diameter:	274 mm
Instrument connection cable length::	2m (double insulation)
Output connection:	2m cables with Hypertac connectors 
Operating temperature:	-20°C ÷ 80°C
Storage temperature:	-40°C ÷ 90°C
Temperature coefficient:	± 0.05 % rdg per °K
Operating humidity	15% ÷ 85% H.R. without condense
Mechanical protection:	IP65

3. REFERENCE STANDARDS

Safety:	EN 61010-1: 1993 + A2:1995
EMC:	EN 61326 :1997 + A1 :1998

This instrument complies with the requirements of the European Low Voltage Directives 2006/95/CEE (LVD) and EMC 2004/108/CE