



1. ELECTRICAL SPECIFICATIONS

Measurement range:	3000A AC _{RMS}
Output signal (@ 1000A _{RMS} , 50Hz):	85mV AC
Input impedance:	170Ω ± 10Ω
Output impedance:	100Ω
Accuracy (at 25°C, 50Hz):	± 0.5%rdg (0.1% ÷ 100% of range)
Linearity (from 0.1% to 100% of range):	± 0.5%rdg
Frequency range:	10Hz ÷ 20kHz
Phase error:	< ± 1° (45 ÷ 65Hz)
Position sensitivity:	± 2% rdg
Noise:	1mV AC _{RMS}
Measurement category	CAT III 1000V, CAT IV 600V
Insulation:	double insulation
Pollution degree:	2 according to IEC/EN610101-1

2. GENERAL SPECIFICATIONS

Flexible clamp length (double insulation):	600mm
Maximum conductor diameter:	190mm
Instrument connection cable length::	2m (double insulation)
Output connector:	BINDER 9992130005 620 series
Operating temperature:	-20°C ÷ 80°C
Storage temperature:	-40°C ÷ 90°C
Temperature coefficient:	± 0.005 % rdg /°C
Operating humidity	15% ÷ 85%HR without condense
Encapsulation:	IP65

3. REFERENCE GUIDELINES

Safety:	IEC/EN61010-1:2001, IEC/EN61010-031:2002 IEC/EN61010-2-032 :2002
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This instrument complies with the requirements of the European Low Voltage Directives 2014/35/EU (LVD) and EMC 2014/30/EU

This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)