

1. TECHNICAL SPECIFICATIONS

Selectable ranges:	1A / 100A / 1000A AC
Measuring range:	0.001 ÷ 1.2A / 0.1 ÷ 120A / 1A ÷ 1200A AC
Output signal:	1V AC
Protection:	By diodes
Ratio:	1mV/mA – 10mV/A - 1mV/A
Accuracy:	see table (for frequency range 40Hz ÷ 100Hz)
Max error:	2% (of reading)
Internal load:	1A=3kΩ; 100A=15Ω; 1000A=1.5Ω
External min load:	100 times the internal load
Power measurement:	Take care to keep the conventional direction P1 → P2 of the arrow
Frequency range:	40Hz ÷ 10kHz
Pollution degree:	2 according to IEC 1010-1
Dielectric strength:	5,5 KV 50 Hz 1 min
Temperature range:	-10°C ÷ 50°C
Measurement category:	CAT III 600V
Max cable diameter:	54 mm
Max bus bars:	35x35mm or 50x12mm
Dimensions (mm):	105 x 225 x 31 mm
Weight:	720 g
Output connection:	Cable 2m with HT custom connector

2. ACCURACY

1A FS	1 ÷ 100mA	100 ÷ 500mA	500mA ÷ 1.2A
Accuracy in %rdg of output signal	±(3%rdg + 0.5mV)	±(2%rdg + 1mV)	±(1%rdg + 1mV)
Phase difference	Not specified	Not specified	<10 degrees

100A FS	100mA ÷ 1A	1 ÷ 10A	10 ÷ 120A
Accuracy in %rdg of output signal	±(1%rdg + 1mV)	±(0.5%rdg + 0.5mV)	±(0.5%rdg)
Phase difference	Not specified	2 degrees	1 degrees

1000A FS	1 ÷ 10A	10 ÷ 100A	100 ÷ 1200A
Accuracy in %rdg of output signal	±(1%rdg + 0.5mV)	±(0.5%rdg + 1mV)	±(0.5%rdg)
Phase difference	Not specified	1.5 degrees	1 degrees

