

SPECIFICATIONS

Primary rates current:	10A, 100A, 1000A
Measuring range:	0,1 ÷ 10A / 0.5A ÷ 100A / 1A ÷ 1000A
Output signal:	1V
Protection:	By diodes
Ratio:	100mV/A – 10mV/A - 1mV/A
Accuracy:	see table
Max error:	2% (of reading)
Internal load:	10A = 100 Ohms 100A = 10 Ohms 1000A = 1 Ohm
External min load:	100 times the internal load
Power measurement:	Take care to keep the conventional direction P1 ⇒ P2 rear of the arrows.
Frequency range:	40Hz to 10kHz
Pollution degree:	2 according to IEC 1010-1
Dielectric strength:	5,5 KV 50 Hz 1 min
Temperature range:	-10 ÷ +50 °C
Overvoltage category:	CAT III 600V
"Opening" cable:	Diameter 54 mm
"Opening" bus bars:	35x35mm or 50x12mm
Dimensions (mm):	105 x 225 x 31 mm
Weight:	720 g
Output connection:	Shielded cable FM2R 2m long , ended with a FRB D01 connector.

ACCURACY

10A FS	0.1 ÷ 0.5	0.5 ÷ 2.0	2.0 ÷ 10
Precision in % rdg of output signal	±(2%rdg + 4mV)	±(2%rdg + 4mV)	±(0.5%rdg + 4mV)
Phase difference	Not specified	10 degrees	5 degrees

100A FS	0.5 ÷ 1.0	1.0 ÷ 20	20 ÷ 100
Precision in % rdg of output signal	±(2%rdg + 3mV)	±(1%rdg + 2mV)	±(1%rdg + 2mV)
Phase difference	2 degrees	1 degree	1 degree

1000A FS	1.0 ÷ 10	10 ÷ 200	200 ÷ 1000
Precision in % rdg of output signal	±(1%lettura + 1mV)	±(1%lettura + 1mV)	±(1%lettura + 1mV)
Phase difference	1 degree	1 degree	0.5 degrees

Measurements performed with digital instrument, model 1.200 000 digits class 0.2 COFRAC traceable.