



HP30C2

Rel. 1.02 of 13/09/10

AC transducer clamp 200-2000A/1V

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SPECIFICATIONS

Primary rated current:	200A, 2000A
Measuring range:	0,1 ÷ 200A / 1A ÷ 2000A
Output signal:	1V
Protection:	By diodes
Ratio:	5mV/A – 0.5mV/A
Accuracy:	see table
External min load:	10kΩ
Power measurement:	Keep the conventional direction P1 ⇒ P2 rear of the arrows.
Frequency range:	40Hz to 5kHz
Pollution degree:	2 according to IEC/EN61010-1
Dielectric strength:	5,5 KV 50 Hz 1 min
Temperature range:	-10 ÷ +50 °C
Overvoltage category:	CAT III 600V
Max diameter cable:	70mm
Max size bars:	100x46mm or 126x35mm mm
Dimensions (mm):	133 x 336 x 52 mm
Weight:	1.7kg
Output connection:	Cable 2m with Hypertac connector 

ACCURACY

200A FS	1A	40A	200A
Accuracy in % rdg of output signal	±(1%rdg + 1mV)	±(1%rdg)	±(0.5%rdg)
Phase difference	1degree	40min	30min

2000A FS	10A	400A	2000A
Accuracy in % rdg of output signal	±(1%rdg + 0.5mV)	±(1%rdg)	±(0.5%rdg)
Phase difference	1degree	40min	20min