

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: $0,1 \div 200A / 1A \div 2000A$

Output signal: 1V

Protection: By diodes

Ratio: 5mV/A - 0.5mV/A

Accuracy: see table External min load: $10k\Omega$

Power measurement: Keep the conventional direction P1 \Rightarrow 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