

POWER MONITORING

AC CURRENT TRANSDUCERS WITH CURRENT OUTPUT SENTRY 200 SERIES

DESCRIPTION

The **200 Series AC Current Transducers** can be used to directly monitor up to 200 amps and output a 4-20 mA signal. The **200 Series** is available in a split core design that allows for easy installation of the transducer on existing wiring or in a lower cost solid core version.

FEATURES

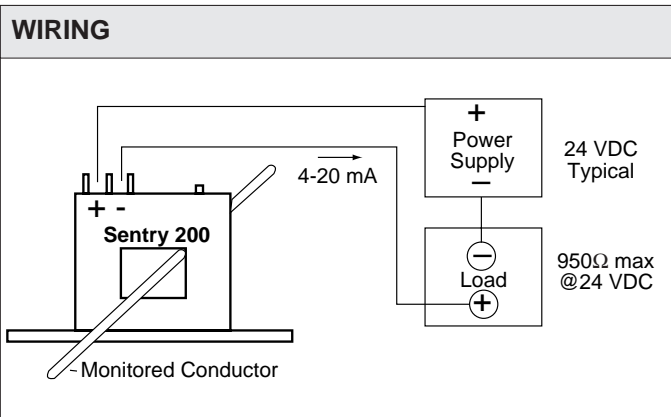
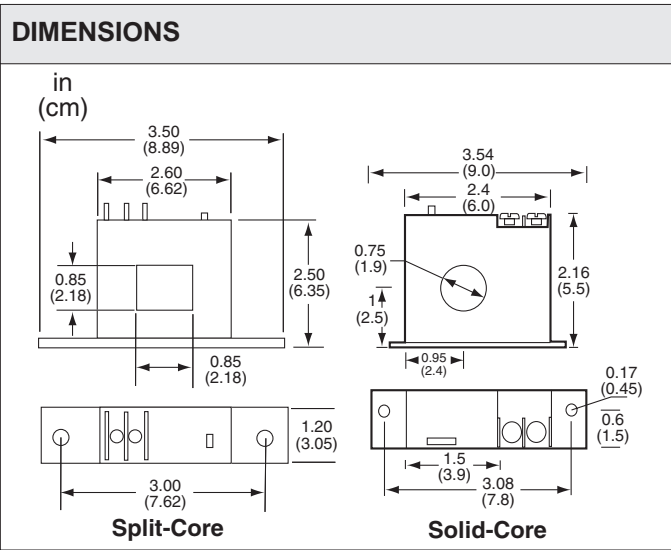
- *May eliminate the need for a current transformer*
- *Small size*
- *Loop powered*
- *Easily installed over existing cable with split-core design*
- *UL listed, CE certified*



SPECIFICATIONS					
MODEL	RANGE (amps)	JUMPER	MAX CONT	MAX FOR	MAX FOR
				6 SEC	1 SEC
(amps)					
200-05	0-2	Low	40	60	100
SC200-05	0-5	High	100	124	250
200-1	0-10	None	80	125	250
	0-20	Mid	110	150	300
	0-50	High	175	215	400
200-2	0-100	None	200	300	600
	0-150	Mid	300	450	800
	0-200	High	400	500	1000

Supply voltage 12-40 VDC
Output 4-20 mA DC
Output load 950 max @ 24 VDC or
 $R_{max} = (V_{Supply} - 5)/0.020$
Accuracy ±0.5% of full scale
Response time 300 ms to 90% of step change
Overrange limit Sensor self-limits output to 40 mA
Internal protection Reverse voltage protection;
 high over-current capability
 (see values in table above)
Frequency 20-100 Hz, (V models 10-400 Hz)
Operating temp -4° to 122°F (-20° to 50°C)
Case ABS (meets UL flammability rating
 94V-0)
Weight 0.3 lb (0.12 kg)
Isolation UL listed to 1270 VAC

Note: The standard models are average responding. Also available are variable frequency integration models for monitoring the load side of a VFD.



ORDERING INFORMATION

MODEL	DESCRIPTION
200-05	Solid-Core Current Transducer, 0-5A, 4-20 mA Output
200-1	Solid-Core Current Transducer, 0-50A, 4-20 mA Output
200-2	Solid-Core Current Transducer, 0-200A, 4-20 mA Output
SC200-05	Split-Core Current Transducer, 0-5A, 4-20 mA Output
SC200-1	Split-Core Current Transducer, 0-50A, 4-20 mA Output
SC200-2	Split-Core Current Transducer, 0-200A, 4-20 mA Output

Add -V at the end of the model number if monitoring the load side of a VFD.