

POWER MONITORING & PROTECTION

HIGH AC CURRENT TRANSDUCERS WITH CURRENT OUTPUT SENTRY 200-A SERIES



DESCRIPTION

The **Sentry 200-A Series** High AC Current Transducers with Current Output can be used to directly monitor up to 2000A without requiring an additional current transformer. The output from these transducers is a 4-20 mA signal.

FEATURES

- *Eliminates the need for a current transformer*
- *Large aperture to accommodate large conductors or wire bundles*
- *Loop powered 4-20 mA output*
- *Multi-range input eliminates zero and span adjustments*
- *Easy installation with integral mounting brackets*



200-3-A



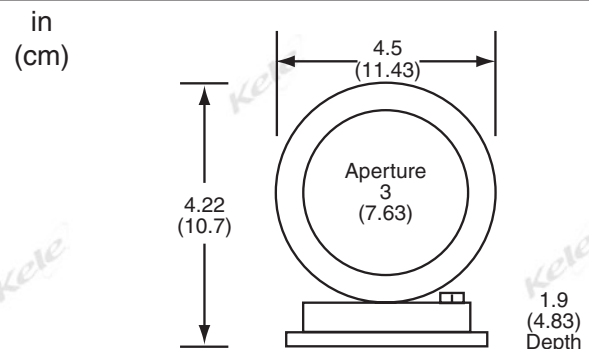
SPECIFICATIONS

MODEL	RANGE	SWITCH POSITION	MAX CONT	MAX FOR 6 SEC	MAX FOR 1 SEC
			(amps)		
200-3-A	0-375	375	750	1500	3750
	0-500	500			
	0-750	750			
200-4-A	0-1000	1000	2000	4000	10,000
	0-1333	1333			
	0-2000	2000			

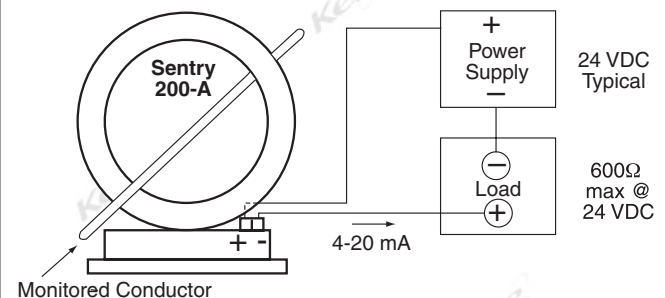
Supply Voltage	24 - 40 VDC
Frequency	50 - 60 Hz
V Models	10 - 400 Hz
Output	4 - 20 mA, loop-powered
Output Impedance	600Ω max @ 24 VDC
Insulation Voltage 600 VAC	
Accuracy	1.0% FS
Response Time	500 ms to 90% of step change
Overrange Limit	Sensor self-limits to 25 mA output
Terminations	Screw terminals
Materials Of Construction	UL 94 flammability rated thermoplastic
Weight	1.3 lb (0.6 kg)
Approvals	UL and ULC listed, File #E129625, CE pending
Warranty	5 years

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

DIMENSIONS



WIRING



ORDERING INFORMATION

MODEL	DESCRIPTION
200-3-A	Solid-core high current transducer, 0-750A, 4-20 mA output
200-3-A-V	Solid-core high current transducer, 0-750A, 4-20 mA output (10 - 400 Hz)
200-4-A	Solid-core high current transducer, 0-2000A, 4-20 mA output
200-4-A-V	Solid-core high current transducer, 0-2000A, 4-20 mA output (10 - 400 Hz)