

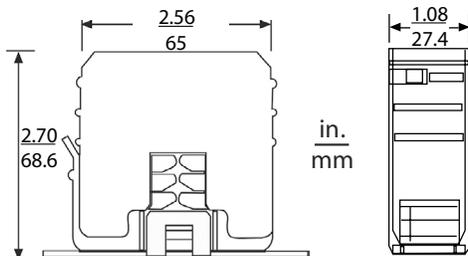
Model CTC

Split-Core Current Transducer



Setra's Model CTC current transducers provide an accurate and cost effective solution for real-time current measurement on AC powered circuits. Unlike a current switch, each transducer provides an instantaneous voltage or milliamp output that is proportional to any of 3 field selectable amperage ranges. The 5V and 4 to 20 mA output units have 30/60/120 Amp sensing ranges, while the 10V output units have a 20/100/150 Amp sensing ranges. The multi-range capability combined with the split-core design increases installation flexibility to handle unexpected changes on the job site.

DIMENSIONS



GENERAL SPECIFICATIONS

Model	CTCG420NN	CTCGV05NN	CTCGV10NN
Multi-Range	30/60/120 A	30/60/120 A	20/100/150 A
Continuous Operating Current	120 A Max.	120 A Max.	150 A Max.
Output	4-20 mA	0-5 VDC	0-10 VDC
Accuracy ($\geq 10\%$ FS)	$\pm 2\%$ of Selected Ranges		
Response Time	2 Seconds		
Dimensions	2.7 x 2.56 x 1.08 in. (68.6 x 65 x 27.4 mm)	2.7 x 2.56 x 1.08 in. (68.6 x 65 x 27.4 mm)	2.7 x 2.56 x 1.08 in. (68.6 x 65 x 27.4 mm)
Aperture Size	0.72 x 0.78 in. (18 x 20 mm)		
Sensor Supply Voltage	24 VDC Loop Power	Self-Powered	
Isolation Voltage	600 V AC rms		
Temperature Range	5 to 140°F (-15 to 60°C)		
Frequency Range	50/60 Hz		
Humidity Range	0 to 95% non-condensing		

ORDERING INFORMATION



Model	Description
CTCG420NN	Model CTC, Output 4 to 20 mA
CTCGV05NN	Model CTC, Output 0 to 5 VDC
CTCGV10NN	Model CTC, Output 0 to 10 VDC