

# Metering Series

## Split Core 0.333V CT



1% total system accuracy (meter & CT)  
 For use with Pulse and Protocol Versions of the EM Series Meter  
 Flexible Split-core Sensors  
 Monitor loads from 30-6000A & 90-600V

### DESCRIPTION

The Senva Metering Series CTs provide a high accuracy linear 0V to 0.333V<sub>AC</sub> signal output proportional to the measured current. These can be safely and simply installed to be used with most power meters, data loggers, and other instruments.

Our Split-core Metering CTs come in a range of inner diameter sizes and amperages to accommodate a wide variety of installations and retro-fits.

### APPLICATIONS

- Energy management and performance contracting
- Monitoring for commercial tenants
- Activity-based costing in commercial and industrial facilities
- Real-time power monitoring
- Load shedding
- Audits/temporary monitoring
- Distributed generation

### ORDERING

XH-SCT-



#### Size

- T10 = Round 10mm I.D.
- T16 = Round 16mm I.D.
- 1250 = Square 31.8mm I.D.
- 2000 = Square 50.8mm I.D.
- 3000 = Rect. 76.2x127mm I.D.

#### Amp Rating

Varies based on size.  
 See 'Current Range' in Specification section for options

### SPECIFICATIONS

Performance	Accuracy	±1% From 5-120% rated current
Rated Output	Scale	0.333VAC
Current Range	T10	15A, 30A, 50A
	T16	100A
	1250	100A, 150A, 200A, 300A
	2000	400A, 600A, 800A
	3000	1000A, 1200A, 1500A, 2000A
Inner Diameter	T10	10mm, 0.39in, round
	T16	16mm, 0.63in, round
	1250	19.1mm, 0.75in, square
	2000	31.8mm, 1.25in, square
3000	76.2mmx127mm, 3x5in, rectangular	
Phase Angle	Rated	Less than 2 degrees at 50% rated current
Voltage	Insulation Voltage	600VAC
	Primary Voltage	5000VAC (insulated conductor)
Environmental	Operating Temp	-15 to 60°C
Frequency	Freq Range	50-400Hz
Leads	Length	105cm, 4 ft.
	Wire	UL 1015 twisted pair, 22AWG

Agency

Compliance

UL/cUL Listed Energy Monitoring Equipment,  
 UL/cUL Recognized Instrument Transformers -  
 Component, CE Compliant, RoHS Compliant



XH-SCT-3000



XH-SCT-2000



XH-SCT-1250



XH-SCT-T16



XH-SCT-T10



**Warning:** Refer to installation instructions that accompany product and heed all safety instructions.