

Metering Series **Split-Core Current Transducers**

1% total system accuracy (meter & CT)
For use with Senva's EMX and Branch Multi-Circuit Meter
Flexible Split-core Sensors for easy installation or retrofits
Monitor loads from 15-2000A



DESCRIPTION

The Senva Metering Series CT's provide a high accuracy linear 0V to 0.333VAC 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 CT's come in a range of inner diameter sizes and amperages to accommodate a wide variety of installations and retrofits.

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
- · Great for data center energy power sensing



Each outputs 333mV or 0.333V at rated current



Sense loads 15-2000A



CT's come in a range of inner diameter sizes and amperages

FEATURES

- Choose from 5 aperture sizes
- Linear output 333mV or 0.333V at rated current
- Sense loads 15-2000A

- Use with any standard meter or data-logger
- High accuracy
- UL Listed Energy Monitoring Equipment, UL recognized Instrument Transformer, CE and RoHS compliant



ORDERING



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 l.D.

Amp Rating

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

T10 15A, 30A, 50A

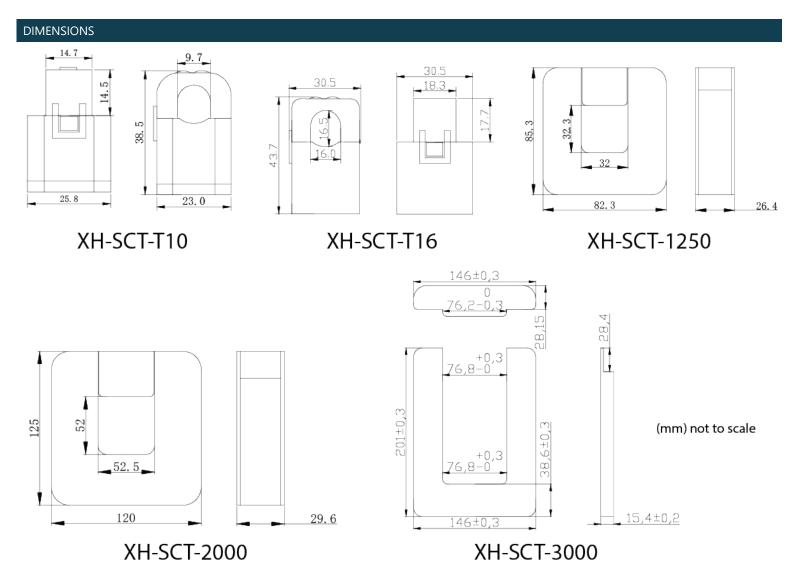
T16 100A

1250 100A, 150A, 200A, 300A

2000 400A, 600A, 800A

3000 1000A, 1200A, 1500A, 2000A





A

Warning: The datasheet is designed for reference only. Refer to installation instructions that accompany the product and heed all safety instructions. Product improvement is a continuing process at Senva. Changes may occur to products without prior notice.



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 Insu	lation Voltage	600VAC
Pr	rimary Voltage	5000VAC (insulated conductor)
Environmental Op	perating Temp	-15 to 60oC
Frequency	Freq Range	50-400Hz
Leads	Length	105cm, 4 ft.
	Wire	UL 1015 twisted pair, 22AWG
Agency	Compliance	UL/cUL Recognized, CE Compliant, RoHS Compliant

^{*} Product improvement is a continual process at Senva and product features and specification may change without prior notice. Refer to instructions that accompany the product for installation and wiring.