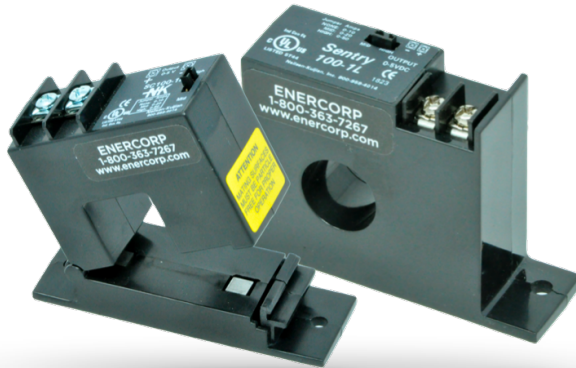


AC Current Transducer: 100 Series



The Sentry 100 series AC current transducers provides a voltage signal proportional to the monitored current up to 200A. The series is available in both split core and solid core configurations.

- ◆ Convenient compact size
- ◆ High reliability
- ◆ Easy installation

Technical Data

Input ranges: 0...200A (see ordering data)

Output signal: 0...5VDC, 0...10VDC (see ordering data)

Accuracy: 1% FS over 5...100% of range

Response time (0...90%): 100mS

Frequency range: 50...60Hz

Power supply: self powered

Output load: 1 megaohm required for rated accuracy; 100K ohm load adds 1.3% error

Output signal limit: 2x rated output

Isolation voltage: UL listed to 1270VAC, tested to 5kV

Sensing aperture:

- Solid core: 0.75" dia.
- Split core: 0.85" x 0.85"

Case: UL 94V-0 flammability rated thermoplastic

Environmental: -50...65°C, 0...95% RH, non-condensing

Approvals: UL, ULC, CE

Industry Usage

HVAC, Building automation, Energy management

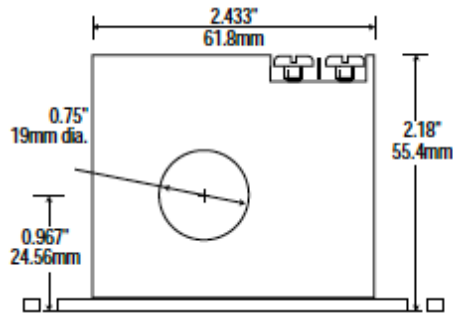
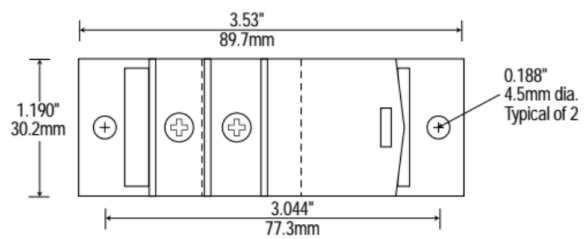
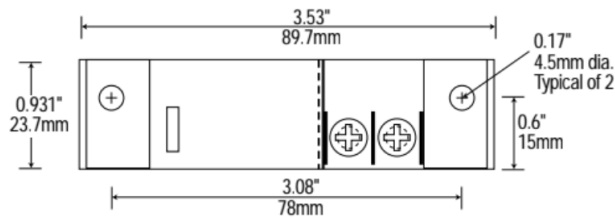
ENERCORP instruments ltd

170 Wilkinson Road, Unit 13, Brampton, ON, L6T 4Z5 Canada

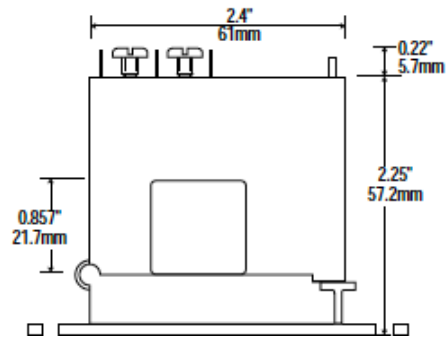
Tel: 416-231-5335, Toll free: 1-800-363-7267

enercorp.com

Input Maximums			
Range	Max. Continuous	Max. 6sec	Max. 1sec
0...2A	40A	60A	100A
0...5A	100A	124A	250A
0...10A	80A	125A	250A
0...20A	110A	150A	300A
0...50A	175A	215A	400A
0...100A	200A	300A	600A
0...150A	300A	450A	800A
0...200A	400A	500A	1000A



Solid core



Split core

Ordering data:

Item number	Range	Output	Case
Sentry 100-1L	0...10A, 0...20A, 0...50A	0...5VDC	Solid core
Sentry 100-2L	0...100A, 0...150A, 0...200A	0...5VDC	Solid core
SC100-1L	0...10A, 0...20A, 0...50A	0...5VDC	Split core
SC100-2L	0...100A, 0...150A, 0...200A	0...5VDC	Split core
SC100-4L	0...100A, 0...150A, 0...200A	0...10VDC	Split core