



90mm Split Core CT with CTid

ver.1.0 – 11/2025

Models: ECS-R 90mm yyyyA

The eGauge ECS90mm series CTs are UL-listed split-core current transducers (CTs) designed for easy and safe installation. The ECS90 series features a 90mm opening and is designed for mounting on existing panels—such as control centers or load centers—to measure current. Thanks to the split-core design, all CTs in these series can be installed without removing or disconnecting existing conductors, making retrofitting simple and efficient.

The ECS90 series provides a 333 mV output, eliminating the need for shunting blocks. eGauge CTs are UL2808 certified and use CTid technology for auto-detection. An onboard LED makes it easy to identify which CT is connected to which sensor port—especially helpful when leads cannot be easily traced.

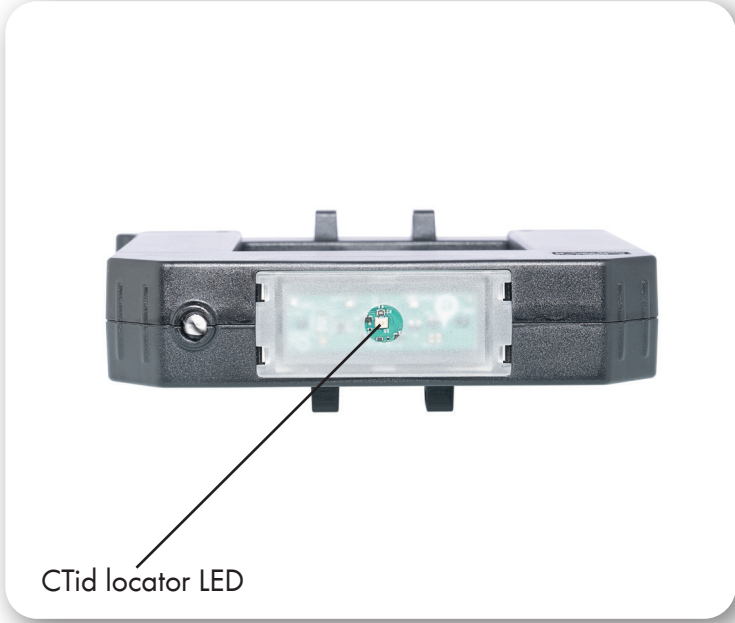


Amperage Ratings	600 A	1000 A	1500 A
Window Size	80 mm x 90mm		
Accuracy	0.5%		
Frequency	50Hz or 60 Hz		
Wire Lead	2.4 m (8 ft.) black/white twisted wire, AWG18 (UL1015 600V)		
Overvoltage Category	600 V, CAT IV		
Dielectric Strength	7400 Vac / 5 sec		
Operating Temp.	-40° C to 60° C		
Conditions	Indoor use, Pollution Degree 2, Altitude up to 3000 m		
Output	333 mVrms at rated amperage		
Certifications	UL listed (UL2808, XOBA file #E515923), RoHS, CE Mark		
	UL61010-1, CAN/CSA STD C22.2 NO. 61010-1		
Warranty	5-year limited warranty		



Additional Photos

*Note: Images not to scale



Dimensional Diagrams [mm]

*Note: Images not to scale

