



90mm Split Core CT with CTid

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 shorting 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.

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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, XOBIA 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

