



eGauge CT Specifications

Model: ECS20-xxx

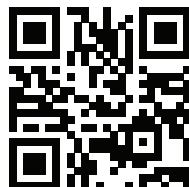
The eGauge ECS20 series CTs are split-core current transducers (CTs) with a window of 20mm (.787"). CTs are installed around current carrying conductors to measure amperage as part of a power metering system. Thanks to the split-core design, they are easily retrofitted to existing power systems and do not require the conductors to be disconnected. A 333mV output means no shorting blocks are required. All ECS20 CTs are UL2808 certified.

eGauge CTs use CTid technology for auto-detection and have an onboard LED which can be used to identify which CT is connected to a given sensor port. This is useful if the CT leads cannot be traced.

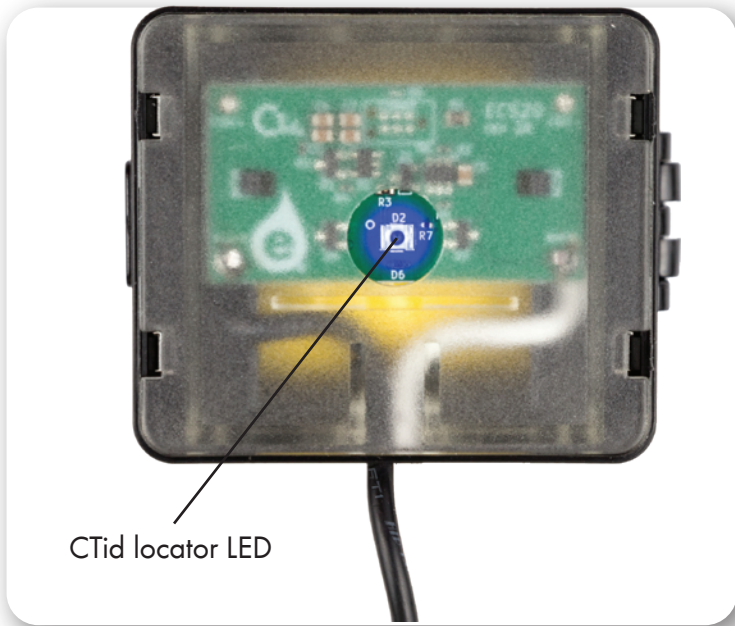


Amperage Rating	100A, 200A, and 300A models available	
Window Size	20mm (0.787")	
Accuracy	1% (ECS20-xxx) or 0.5% (ECS20-xxx-R)	
Frequency	50-60Hz	
Wire Lead	8ft (2.45m), Black/white twisted wire, AWG18 (UL1015 600V)	
Working Voltage	600VAC, Category IV	
Dielectric Strength	7400 Vac / 1 minute	
Operating Temperature	-40 °C to 75 °C (-40 °F to 167 °F), 95% RH non-condensing	
Conditions	Indoor use, Pollution Degree 2, Altitude up to 3000m	
Output	333mVrms at rated amperage	
Certifications	UL Listed (UL2808, XOBA), UL file #: E515923	CE pending
	UL61010-1, CAN/CSA STD C22.2 NO. 61010-1	RoHS

For more information visit egauge.net/support/m/ecs



Additional Photos



Dimensional Diagrams [mm]

