



eGauge Rope CT Specifications

Model: ERA-106-2775

Flexible Rogowski Coils (Rope CTs) are designed to use where regular solid or split core current transformers cannot fit. No additional integrator or power supply is needed. The ERA-106-2775 has a 106mm (4.17") window and can measure between 30 and 2775 amps.

The eGauge Rope 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.

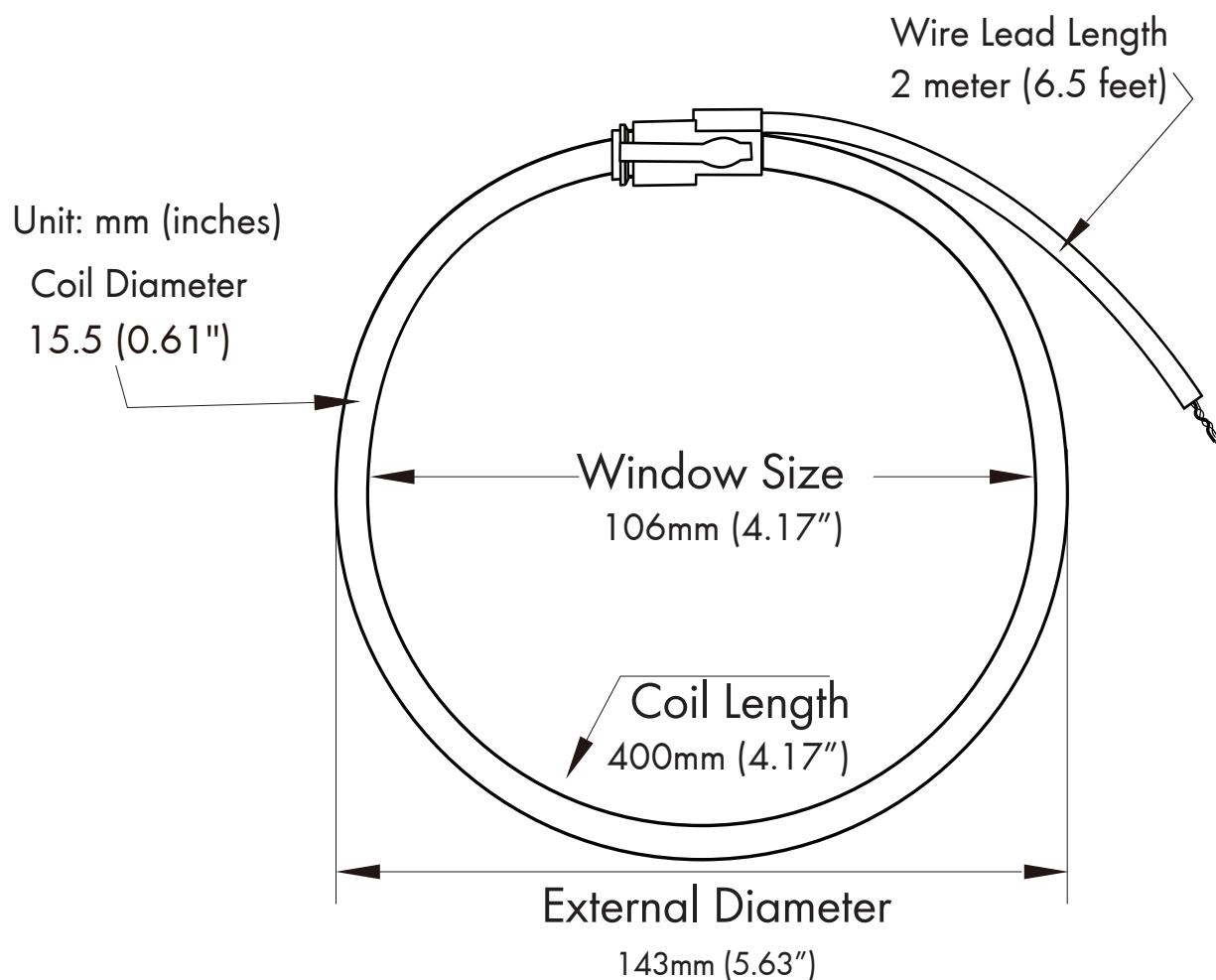


Max Amperage	2775 Amps
Frequency Range	50Hz/60Hz
Operating Temperature	-20 °C to 70 °C
Overvoltage Category	1000V CAT III, 600V CAT IV
Positional Error	Better than 4%
Linearity	Better than 1%
Material	Orange thermoplastic rubber; flame retardant UL 94 V-0 rated
Cable	1000V UL style 20940; External diameter 5mm; Wires 2x 26AWG
Raw output	2mV/1000A/Hz (ERA-XXX-2775)

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



eGauge Rope CT Dimensions



Rope CT Positioning Guide

Position the Rope CT with the conductor as close as possible through the center of the Rope CT. This shows the maximum expected errors if the conductor is near or touching the edges of the Rope CT.

Position	Error
Centered (1)	< 0.4 %
Near Outer Edge (2, 3, 4)	< 2.0 %
Near Connector (5)	< 4.0 %

