



# eGauge Rope CT Specifications

Model: ERA-XXX-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-XXX-2775 can measure up to 2775 amps and is available with window openings of 106mm (4.17") and 178mm (7.00") Rope CTs require a minimum of 30A.

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.

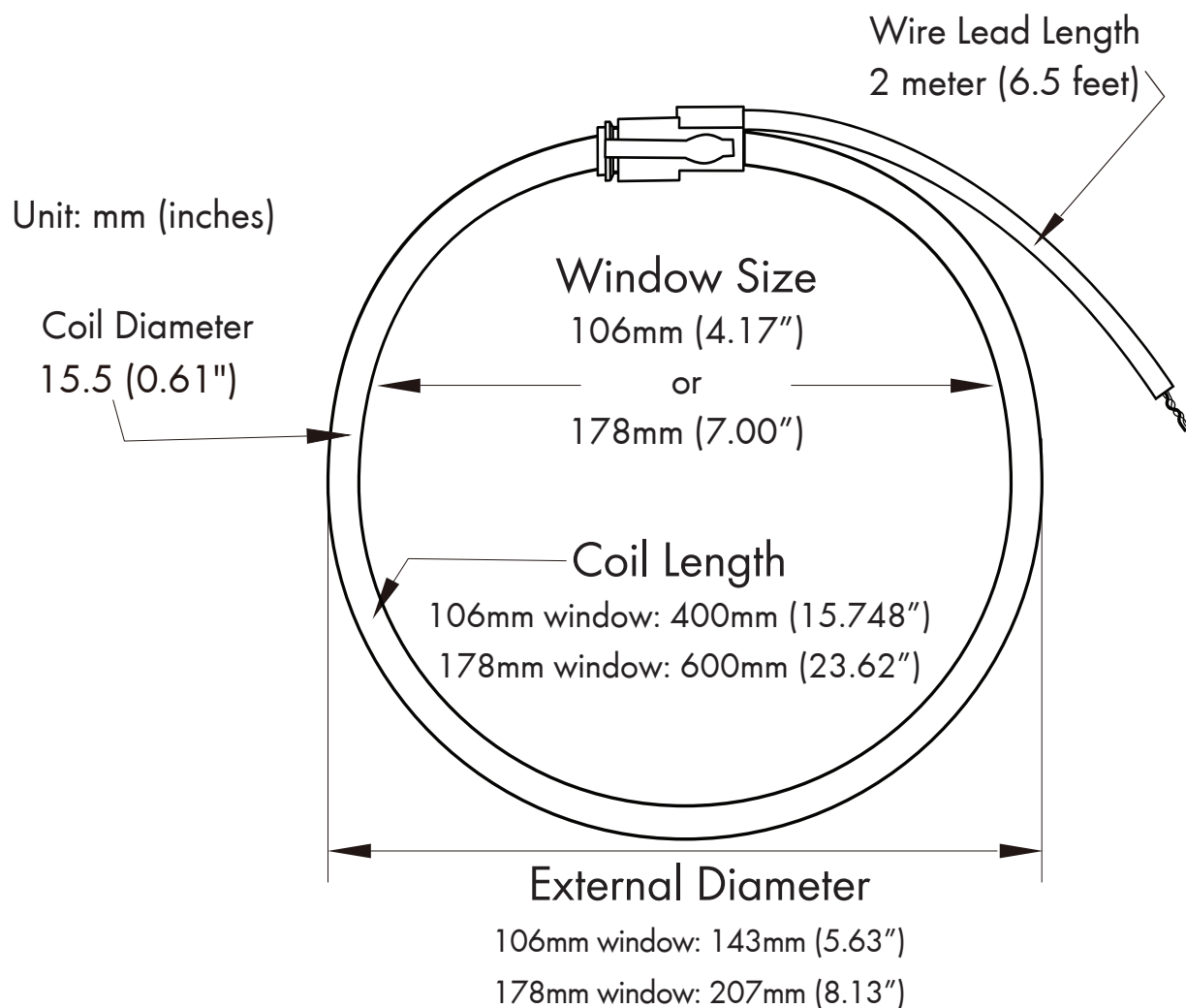


Max Amperage	2775 Amps
Window Sizes	106mm (4.17") and 178mm (7.00")
Frequency Range	50Hz/60Hz
Operating Temperature	-20 °C to 70 °C
Overvoltage Category	1000V CAT III, 600V CAT IV
Positional Error	Better than 4%
Linearity	Better than 1%
Material	Orange thermoplastic rubber; flame retardant UL 94 V-0 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](http://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 %

