

RopeCT[®] AC Current Sensor RCT-350T-5000

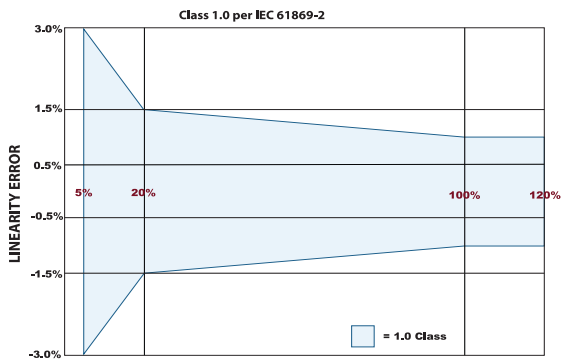
Rogowski Coil and Integrator

Magnelab RCT-XXXX-Coil Series flexible RopeCT[®] current sensor measures AC current up to 15,000 Amps. The coil opens at the connector junction and can be installed on an existing cable or buss-bar in a matter of seconds.

This “Tear-drop” style design facilitates installations with limited electrical panel space. Electrical performance is equal to our standard RCT-1800-XXX Series.

SPECIFICATIONS

Rated Primary Current	Up to 15,000 Amp
Rated Output	0.070 Volt per 1,000 Amp, 60 Hz
Weight	1.2lbs (0.544 kg)
Phase Displacement	< 0.5°
Temperatures	UL Rated Ambient: 55°C Operating: -20°C to 110°C Storage: -20°C to 110°C
UL Relative Humidity Rating	85% or lower
Leads	8 ft. 24 AWG gray cable Rating: 600V (UL 1015, UL 1213)
UL Max Voltage	600V on bare conductor BIL10 kV
RMS Voltage	600V for AC Insulation Test (1 min)
Rated Frequency	50-1,000 Hz
Minimum Impedance	10 kΩ
Certifications	UL Standard IP68 IEC 60529
Accuracy	1.0 Class per IEC 61869-29



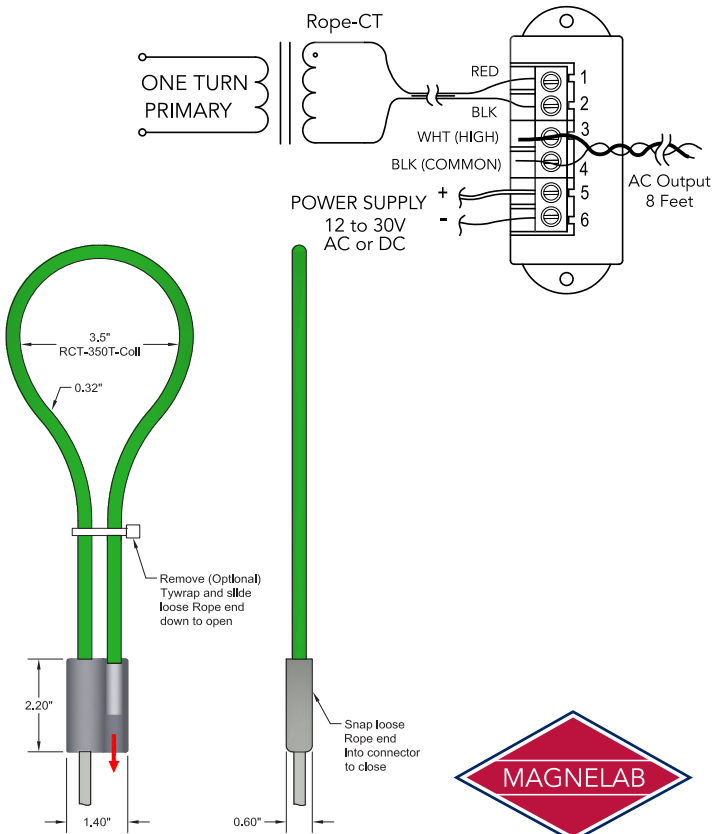
PART NUMBER	DIAMETER
RCT-100T	1.0"
RCT-150T	1.5"
RCT-350T	3.5"
RCT-600T	6.0"
RCT-900T	9.0"



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APPLICATIONS

- Submetering
- Revenue-grade Metering
- Smart Home Energy Management System
- Power Generation Monitoring
- Industrial Pump Monitoring
- Solar Consumption Monitoring
- EV Charging Stations
- Substation LV/MV/HV
- Lifecycle Management of Equipment



UL US CE RoHS2 ISO9001

**Magnelab reserves the right to implement modifications without prior notice