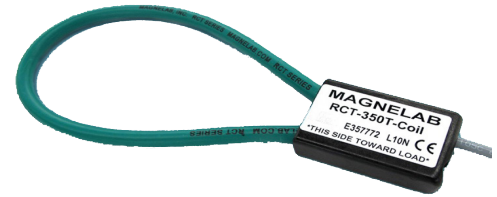


RopeCT® AC Current Sensor RCT Teardrop Series Kits

1 to 9 inch Teardrop Coils with Single Phase 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.

The "Tear-drop" style design facilitates installations with limited electrical panel space. Electrical performance is equal to our standard RCT 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 |

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

PART NUMBERS

RC **a** - **b** **T** - **c**

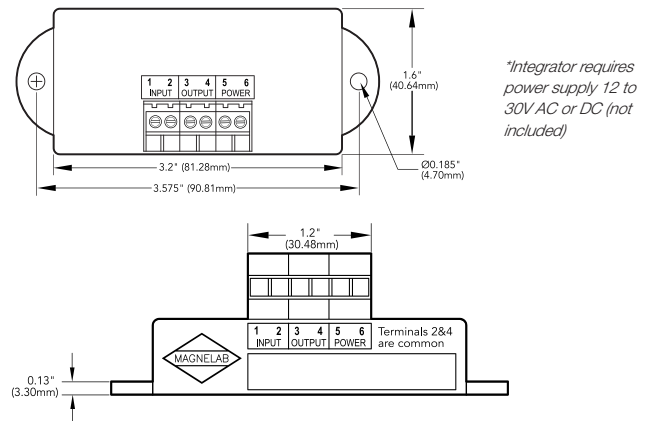
| | | |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil Options a: T = One Coil S = Three Coils | Teardrop Coil Diameter b: 100 = 1" (25.4 mm) 150 = 1.5" (38.1 mm) 350 = 3.5" (88.9 mm) 600 = 6" (152.4 mm) 900 = 9" (228.6 mm) | Integrator Amp Rating c: 000 = No Integrator 250 = 250 AMP 400 = 400 AMP 500 = 400 AMP 1000 = 1,000 AMP 1500 = 1,500 AMP 2000 = 2,000 AMP 3000 = 3,000 AMP 4000 = 4,000 AMP 5000 = 5,000 AMP |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Final Part Number:
i.e. RCT-100T-400

R. C

PRODUCT DIMENSIONS

Single Phase Integrator



RopeCT Teardrop Coil

