

# CURRENT TRANSFORMERS

## ROGOWSKI COIL CT

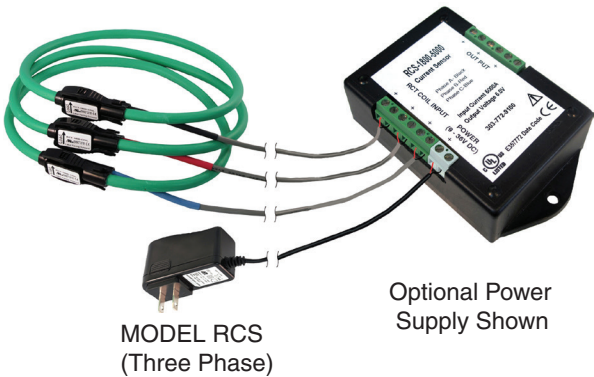
MODELS RCS-1800, RCT-1800

### DESCRIPTION

The RCS-1800 & RCT-1800 series are AC current probes using the Rogowski principle to measure AC current rated from 250 to 5,000 Amps for single and three phase electrical applications. The coils open at the connector junction and can be installed on an existing cable or buss-bar easily in a matter of seconds. The RCS-1800 & RCT-1800 are designed for use with hand held multimeters, oscilloscopes, recorders, and data loggers.

### SPECIFICATIONS

- Maximum voltage = 600V
- Input from 250 to 5,000 Amps
- Output 0.333V at rated current
- Accuracy  $\pm 1\%$
- Phase angle < 0.5 degrees
- Rated accuracy at 10% to 300% rated current
- Coil Length 18" (5.73" Diameter)
- 8' twisted pair sensor output leads (600V), 24AWG
- Torque rating for all terminals is 2.1 inch pounds
- Terminal block suitable for wire guages up to 16AWG
- Power supply required, not included
  - RCT & RCS = 9-36Vdc
  - Order Part #: RCS/RCT Power Supply
- Weight
  - RCS ..... 2 Lbs.
  - RCT ..... 6.5 oz.



MODEL RCS  
(Three Phase)

Optional Power  
Supply Shown

### 600V CLASS



MODEL RCT  
(Single Phase)

### ORDERING INFORMATION

| THREE PHASE   | SINGLE PHASE  | RATING    |
|---------------|---------------|-----------|
| RCS-1800-0250 | RCT-1800-0250 | 250 Amps  |
| RCS-1800-0500 | RCT-1800-0500 | 500 Amps  |
| RCS-1800-1000 | RCT-1800-1000 | 1000 Amps |
| RCS-1800-2000 | RCT-1800-2000 | 2000 Amps |
| RCS-1800-3000 | RCT-1800-3000 | 3000 Amps |
| RCS-1800-4000 | RCT-1800-4000 | 4000 Amps |
| RCS-1800-5000 | RCT-1800-5000 | 5000 Amps |

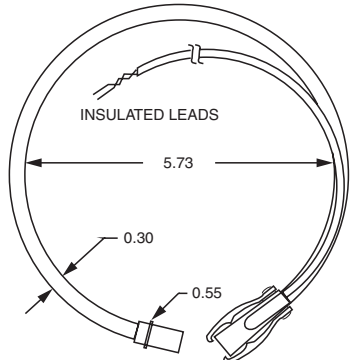
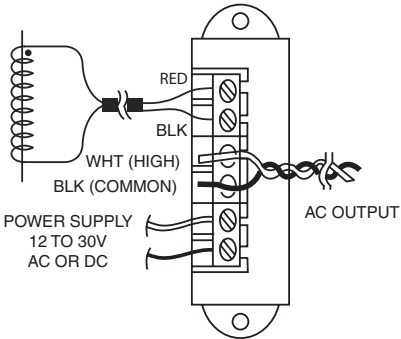
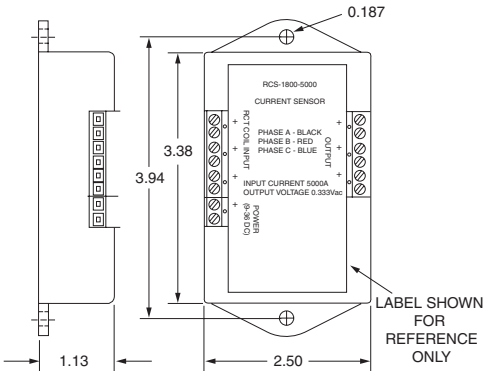


### RCS-1800

### INTEGRATOR

### RCT-1800

### RCS & RCT DIMENSIONS



All Dimensions In Inches

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