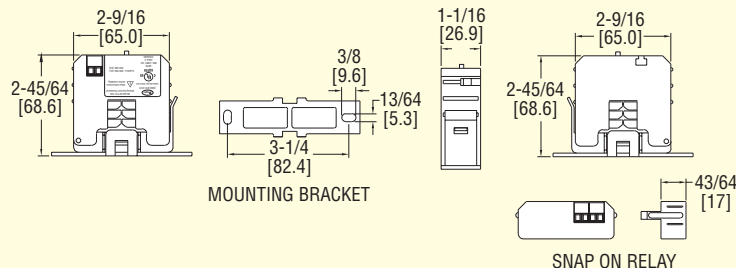




Series  
SCT

# Current Transformer

Optional Auxillary, Relay Output, Split Core



The Series SCT Current Transformers continuously measure the current consumption of pumps, fans, boilers, solar panels and chillers for use in energy monitoring. Current or voltage outputs can be scaled using a slider switch to select between three factory set ranges. Split core configuration allows the current transformer to be installed on new and existing installations. Snap-on mounting bracket allows for quick installation of replacement transformers. An optional 10 A command relay can snap onto the current switch, which eliminates the need to mount an additional relay.

| Model     | Range        | Output      | Power Requirements | Max. Continuous Operating Current |
|-----------|--------------|-------------|--------------------|-----------------------------------|
| SCT10-100 | 30/60/120 A  | 4 to 20 mA  | 24 VDC             | 120 A                             |
| SCT10-102 | 30/60/120 A  | 0 to 5 VDC  | Self-powered       | 120 A                             |
| SCT20-103 | 20/100/150 A | 0 to 10 VDC | Self-powered       | 150 A                             |

## SPECIFICATIONS

**Amperage Range:** 30/60/120 A or 20/100/150 A (depending on model).

**Continuous Operating Current:** 120 A or 150 A (depending on model).

**Output:** 4 to 20 mA, 0 to 5 VDC, 0 to 10 VDC (depending on model). Optional relay NO SPST; 10 A @ 260 VAC, 5 A @ 30 VDC.

**Power Requirements:** Self-powered or 24 VDC (depending on model).

**Accuracy:**  $\pm 2\%$  from 10 to 100% of selected range.

**Temperature Limits:** 5 to 140°F (-15 to 60°C).

**Humidity Limits:** 0 to 95% non-condensing.

**Response Time:** 2 s.

**Isolation Voltage:** 600 VAC RMS.

**Frequency:** 50/60 Hz.

**Enclosure Rating:** UL, V-O flammability rated, type 66 nylon.

**Agency Approvals:** CE, RoHS, cUL, UL.

## ACCESSORIES

SCT-RLY-12, 12 VAC Trigger Voltage Relay Module

SCT-RLY-24, 24 VAC Trigger Voltage Relay Module