

# Solid-Core Current Sensors

## INSTALLATION INSTRUCTIONS



### E-Mon

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## INSTALLING THE SOLID-CORE CURRENT SENSOR ASSEMBLY

The solid-core current sensors can be installed in the same applications as the standard split-core units, however, the conductors that they are monitoring must first be disconnected.

**NOTE: Under no circumstances is this operation to take place without shutting off the power to the conductor(s) being monitored.**

With the power off, disconnect the conductor from its breaker or terminal. Slide the solid-core current sensor over the conductor, making sure that the load indicator arrow is pointing toward the load side of the conductor. Reconnect the conductor to the breaker or terminal. Verify that the current sensor is installed properly.

Run the black and white wires from the solid-core current sensors and install them according to the meter installation manual. Turn on power to conductors being monitored and validate the load is restored. Validate the installation of all sensors for orientation and phasing before energizing meter.

LOAD



SOURCE



Fig. 1. Typical Solid Core Sensor Assembly.

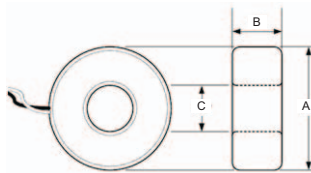


Fig. 2. Solid Core Sensor Dimensions (see Table 1).

Table 1. Solid Core Sensor Dimensions in in. (mm).

Amps	A	B	C
100	2.00 (50.8)	.80 (20.32)	.75 (19.81)
200			

### **⚠ WARNING**

**SOLID-CORE SENSORS CAN ONLY BE USED WITH METERS ORDERED SPECIFICALLY TO FUNCTION WITH SOLID-CORE SENSORS. IF USED WITH METERS NOT ORDERED FOR SOLID-CORE USE, INACCURATE READINGS MAY OCCUR.**

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