

Solid-Core Current Sensors

INSTALLATION INSTRUCTIONS



E-Mon

1985 Douglas Drive North
Golden Valley, MN 55422
www.emon.com
info@emon.com



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.

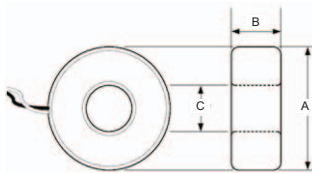


Fig. 2. Solid Core Sensor Dimensions (see Table 1).

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.

By using this E-Mon literature, you agree that E-Mon will have no liability for any damages arising out of your use or modification to, the literature. You will defend and indemnify E-Mon, its affiliates and subsidiaries, from and against any liability, cost, or damages, including attorneys' fees, arising out of, or resulting from, any modification to the literature by you.

E-Mon

1985 Douglas Drive North
Golden Valley, MN 55422
www.emon.com
info@emon.com

© U.S. Registered Trademark
© 2014 E-Mon
62-0444-02 M.S. Rev. 10-14
Printed in United States

E-Mon[®]
Energy Monitoring Products