

Standalone Z-Brick®



monitoring services

INSTALLATION INSTRUCTIONS OF THE ZBRICK®



CAUTION-CAUTION-CAUTION

**READ THROUGH THE
INSTRUCTIONS CAREFULLY
AND ALWAYS ABIDE BY LOCAL
ELECTRICAL CODES.**

**RxMS CAN NOT BE HELD RESPONSIBLE
FOR IMPROPER INSTALLATION
AND/OR INJURY.**

ALWAYS POWER DOWN ALL ELECTRICAL CIRCUITS BEFORE INSTALLATION

**SYSTEM MUST BE POWERED FROM GROUNDED RECEPTACLE.
THE STEPS REQUIRE SYSTEM-TRAINED OR LOCAL QUALIFIED
PERSONNEL ONLY!**

Rev04

August 05, 2014

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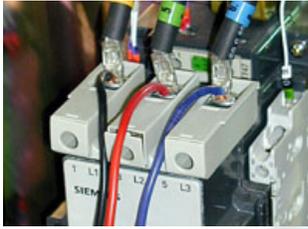
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TELEPHONE: (603) 666-6606 • 24HR TECH SUPPORT: EXT. 2 • WEB: WWW.RxMS.COM



Standalone Z-Brick®

1. Unpack the Z-Brick®

- Check the packing list to make sure all of the requested equipment was received.
- Position near the connection point to be tested.



2. Conduct line impedance test with Z-Brick®

Do not connect the Z-Brick® to the **output** of a UPS or Voltage Regulator (false readings will occur).

- With the system's main breaker off, connect the stripped ends of the stripped leads provided in the Z-Brick® (straight banana on one end and stripped on the other end) to the input terminal block or circuit breaker labeled L1, L2, and L3 (on system being monitored). Alligator clips **CANNOT** be used.
- Plug L1, L2 and L3 into the front panel of the Z-Brick® (right angled banana jacks).
- Turn on the main power to the system under test.
- Plug the provided power cord into the top of the Z-Brick® and into a grounded 5-15R (120V) receptacle.
- The fans will turn on and the display will show the time.
- The "Perform Test" button on the Z-Brick® should illuminate within 15 seconds. Once illuminated, firmly press the button once (you should hear a beep from inside the Z-Brick®) and the Test button will go out.
- The display will show the current Line Impedance measurement (if the display shows asterisks, the test was done improperly).
- Wait up to 120 seconds for the "Perform Test" button to light, and press again. Repeat this test 3 to 5 times.

*If the Z-Brick® Gives a warning of Over Temperature on the display this is caused by the taking of too many measurements and you have completed enough tests.

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Standalone Z-Brick®

**FedEx Return Label****3. Remove Z-Brick® and send back to RxMS**

- Shut down power to system being tested.
- Disconnect the power cord from the Z-Brick®.
- Disconnect the right-angle banana plugs (Black, Red, and Blue) on the Z-Brick® that are connected to the main circuit breaker.
- Send the Z-Brick® back to RxMS using the enclosed FedEx Air Bill.

4. Continue to the power monitor instructions (if applicable).

- Make sure to keep stripped leads attached to system if power survey is to be done.
- If a power monitor was sent (in a separate case) the instructions on how to operate the unit will be with it.

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