Standalone Z-Brick®

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!

Rev06

June 03, 2023

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Standalone Z-Brick®

1. Unpack the Z-Brick®

a. Check the packing list to make sure all of the requested equipment was received.

b. 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).

a. 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.

b. Plug L1, L2 and L3 into the front panel of the Z-Brick® (right angled banana jacks).

c. Turn on the main power to the system under test.

d. Plug the provided power cord into the top of the Z-Brick® and into a grounded 5-15R (120V) receptacle.

e. The fans will turn on and the display will show the time.

f. The "Preform 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.

g. The display will show the current Line Impedance measurement (if the display shows asterisks, the test was done improperly).

h. Wait up to 120 seconds for the "Preform 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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FedEx Return Label

3. Remove Z-Brick® and send back to RxMS

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

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

a. Make sure to keep stripped leads attached to system if power survey is to be done.

b. 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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