

AES 1640-ENCL Enclosure





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Cover Closed

Installation Manual

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1. Product Description:

The 1640-ENCL is an inclosure intended to house and protect the AES 1640 or Amseco XF-1640 Transformer when used in a UL installation. It is designed to be installed over the recepticle replacing a standard wall plate. The enclosure is to be secured to the wall using the 4 mounting holes. Conduit is to be routed between this enclosure and the enclosure of the device it is providing power.

The following diagram is of the key components in a 7170 installation including the typical use of the 1640-ENCL Enclosure.

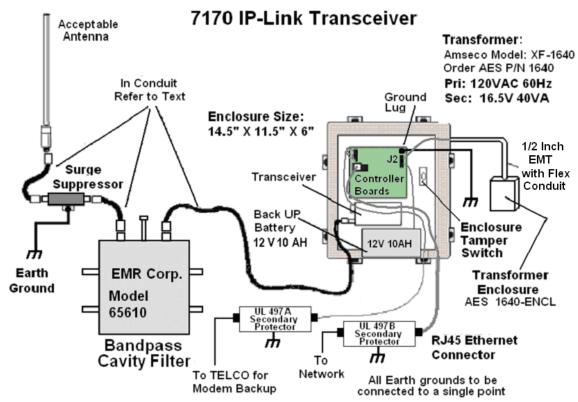


Figure A. Typical Installation of a 1640-ENCL

2. Safety Considerations:

The following items are safety related precautions that you should take into consideration when installing your AES IntelliNet system. They are for your safety as well as others and the safety of your equipment.

- For US installations, all equipment and wiring must be installed in accordance with National Electric Code, applicable UL Standards and local building codes.
- For Canadian installations, all equipment and wiring must be installed in accordance with Canadian Electric Code, applicable ULC Standards and local building codes.
- Be certain to properly ground the Enclosure per applicable N.E.C or C.E.C.
 Grounding of equipment is for your safety and the safety of your equipment and
 should not be neglected. The screws used to secure the receptacle are not adequate to
 provide a proper ground. Use separate grounding method to ensure the enclosure is
 properly grounded.

3. Technical Specifications:

Listed below are the technical specifications for the 1640-ENCL Enclosure.

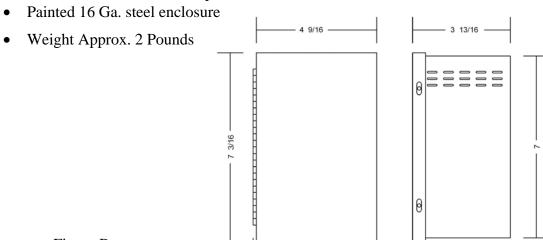


Figure B– Enclosure Dimensions

4. Installation Instructions:

- 1. Use a branch circuit that is dedicated for alarm use and not a switched receptacle.
- 2. Turn off power to the receptacle at the service disconnect (breaker).
- 3. Remove any existing wall plate.
- 4. Place the AES 1640-ENCL over the receptacle and mark the four corner mounting holes.
- 5. Affix appropriate wall mounting hardware (i.e.: molleys etc) if needed.
- 6. Remove duplex receptacle mounting screws.
- 7. Position the 1640-ENCL over the receptacle and re-install the duplex receptacle mounting screws. Do not tighten at this time.
- 8. Verify proper alignment of receptacle and enclosure with wall mounting holes and secure enclosure to the wall.
- 9. Tighten receptacle-mounting screws.
- 10. Connect conduit to the 1640-ENCL using the appropriate knockout. Use Flex Conduit in the installation of the 1640-ENCL to enable easier servicing of the receptacle and produce less strain on the Enclosure.
- 11. Route wires through the conduit and secure to transformer.
- 12. Secure transformer to receptacle using the tab/screw.
- 13. Secure 1640-ENCL cover with screws.
- 14. Confirm or connect wires to the device that this transformer is powering.
- 15. Restore power to receptacle.

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June 2007