

WESTRIM™

PRODUCTS

A FRANCE COMPANY

TOP OFF TRANSFORMER BOXES for WET, Damp, or Dry locations

TC18TOW - 18"L x 7"W x 7"H top off, mount with cover up
TC22TOW - 22.5"L x 7"W x 8"H top off, mount with cover up

WET/Damp/Dry Transformer Boxes may be used outdoors without additional protection from precipitation.

Our transformer enclosures exceed the requirements of the 2008 NEC, Paragraph 600-8, Electric Signs and Outline Lighting – Enclosures and are listed to applicable US and Canadian standards and requirements by Underwriter's Laboratories, Inc. including UL48 and UL879. They are made of G90 galvanized steel sheet, .029 inch thick, which exceeds the requirements for minimum thickness and corrosion protection.

Westrim Transformer Boxes rated WET for outdoor exposed locations, subject to precipitation, direct spray or splashing, do not require extra rain/splash shields nor require being raised above a flat mounting surface as other brands do. Do not place where subject to flooding or standing water.

The interior water shields protect live parts from rain and splashing while easily moving out of the way during installation. The shields provide additional electrical insulation between live parts and the endplate and reduce the risk of cuts and scrapes to the installer's hands.

WARNING:

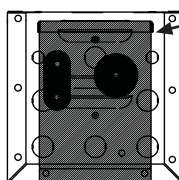
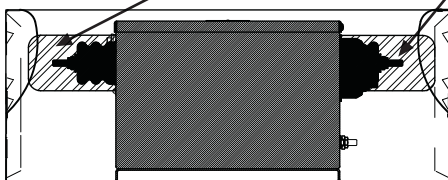
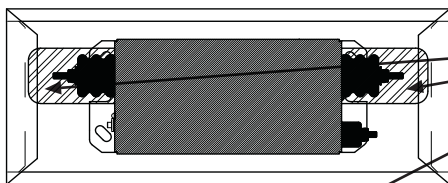
SEE BELOW FOR MINIMUM DISTANCE
REQUIRED FOR ALL CONNECTIONS
TO ANY GROUNDED METAL



Minimum spacing between live parts and ground:

0-300 volts	1/2" (13mm) for uninsulated primary connections
3000-5000 volts	1-1/8" (29mm) for 5,001-10,000 volt midpoint referenced transformers
6000-7500 volts	1-1/2" (38mm) for 10,001-15,000 volt midpoint referenced transformers

MAINTAIN HORIZONTAL LOUVERS FOR PROPER
WATER PROTECTION AND VENTILATION.



INSTRUCTIONS FOR USE:

- Locate the transformer box in an accessible indoor or outdoor location and securely fasten in place.
- Locate the transformer box so the louvers are horizontal to prevent water from directly entering the louvers and to ensure proper convective air flow to ventilate the unit and prevent overheating. Do NOT place the transformer box in a location where it is subject to standing water or flooding. The box is designed with drain holes, so no drilling is required. If used above a suspended ceiling, do NOT use the ceiling grid for support.
- Securely fasten the transformer to the bottom of the transformer box. Heat transfer may be increased if the bottom and one side of the transformer is mounted in direct contact with the bottom and side of the transformer box if possible to do so while maintaining the minimum spacing requirements. When the transformer box is located in an outdoor location, the transformer body must be mounted with a minimum 1/2 inch spacing off of the bottom of the box due to the potential for water to collect on the bottom of the box. Center transformer in box if used in wet location.
- Do NOT leave any knockouts open. (If a knockout is removed and not used, place a cap intended for the purpose in the unused holes.)
- Make sure the primary wiring is routed such that it does not compromise the spacing requirements.
- 1/2" knockouts are provided on each end for attachment of properly rated switches.
- Make sure at least 2.5 inches of GTO cable insulation is left on each cable after entering the enclosure and should be formed into a drip loop.
- Make sure the transformer and the transformer box are properly grounded. A service ground must be bonded to the Transformer Box.
- Make sure no metal shavings are left in the box.

Optional Grounding Feature - Instructions

To use the optional grounding feature on either end or both ends, inside or outside of the transformer box:

1. Remove the 1/4" knockout near the bottom edge of the end plate.
2. Insert the bolt so that the thread extends into the area where a ground is desired (inside or outside of the can).
3. Secure the bolt in place by using one of the green nuts provided.
4. Attach ground wire(s) to bolt using cup-washers and nuts provided.

05/19/10 ZU31065