

WESTINGHOUSE ELECTRIC CORP.
DISTRIBUTION AND CONTROL BUSINESS UNIT
5 PARKWAY CENTER
PITTSBURGH, PA. 15220
1-800-WES-KITS

IL 33-MTC-3
JAN. 29, 1993

INSTRUCTIONS FOR MOUNTING AND WIRING OF THE MTC TRANSFORMER KIT.

1. Find a suitable area on the breaker to mount the MTC Transformer.
2. Mark the mounting holes and drill four .219 Diameter holes.
3. Mount the MTC Transformer on the breaker using the holes just drilled with the hardware provided.
4. Locate a bolt on the line side of the copper of phases 1 and 2 or phases 2 and 3 where the fused wires can be attached. If a bolt can not be located, find an area that can be drilled; drill a .219 diameter hole through the copper or drill and tap a .190-32 hole.
5. Lay the fused wires in the breaker so that the fuses are located in a clear accessible area. Cut both ends of each wire and strip off 1/4 inch of insulation.
6. Crimp the .138 terminals on the transformer end of the wires and a suitably sized terminal on the other end. The correct size is determined by the bolt used to attach the wire to the line side copper.
7. Attach the wires to the line side copper.
8. Attach the wires to the correct transformer terminals as shown by the wiring diagrams below.
9. Use the nylon wire ties provided to dress up the wires and keep them away from any moving breaker parts.
10. Insert the socket of the L.V. Harness into the Umbilical Cord plug. Make certain that the latches engage.
11. Route the two wires down to the MTC Transformer and cut the wires to length. Strip 1/4 inch of insulation from both wires and crimp a .138 terminal on each.
12. Attach the wires to the X1 and X2 terminals of the MTC Transformer.
13. Use the nylon wire ties to dress up the wires and keep them away from any moving breaker parts.

