

REMOTE/ENCLOSED TRANSFORMER

90-TRNSFRMR-2 (208 Vac)
90-TRNSFRMR-4 (230/460 Vac)
90-TRNSFRMR-5 (575 Vac)

APPLICATION

This transformer and enclosure is intended to be used in conjunction with a fire release device and/or door operator. The transformer is used to step down voltages that are higher than 120 Vac. **NOTE:** When selecting a transformer, verify the correct voltage is being used.

INSTALLATION

1. Disconnect power.
2. Remove transformer enclosure cover and verify that the transformer is the correct voltage for the application.
3. Mount the enclosure onto a flat surface as close to the fire release device as possible and consistent with the latest applicable local and electrical codes. If installing in masonry, concrete anchors (not provided) must be used.
4. Wire the transformer from the circuit breaker (line voltage) to the transformer. Refer to Connection Diagram 90-TRNSFRMR. **NOTE:** Connection Diagram 90-TRNSFRMR is suitable for single phase and three phase power application. If the service is three phase and all phase legs are pulled, only two are connected to the transformer and the third must be properly terminated (termination means not provided). Must use approved conduit to the transformer enclosure (per local code).
5. Route wires from the secondary or output side of the transformer to the release device. Must use approved conduit from transformer enclosure to the release device (per local code).
6. Wire the transformer to the release device. Verify the correct connection before connecting the unit. Refer to Connection Diagram 90-TRNSFRMR. **NOTE:** Jumper wire(s) (not provided) are required for 90-TRNSFRMR-4.
7. Connect the ground wires to the transformer enclosure using the green screw provided to ensure proper grounding.
8. Connect power.
9. Reattach cover.

NOTE: Replacement fuse is available through local electrical retailers. The type of fuse is 120 Vac, 500mA, 5 AG, (13/32" x 1-1/2").

WARNING

To reduce the risk of SEVERE INJURY or DEATH:

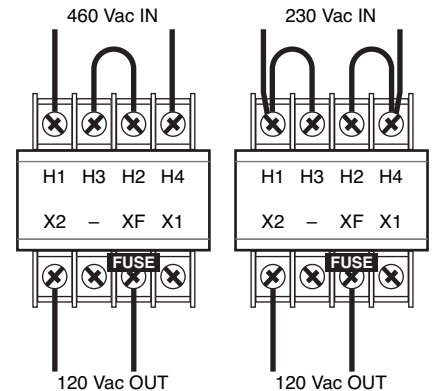
- ALL electrical connections MUST be made by a qualified individual.
- Disconnect power at the fuse box BEFORE proceeding. Device MUST be properly grounded and connected in accordance with local electrical codes.
- Installation of ALL wiring and connections shall be performed in accordance with, but not limited to, the latest NFPA, UL and N.E.C. standards and codes. In addition, ALL installations subject to Canadian standards shall be performed in accordance with the Canadian Electrical Code, Part 1, with respect to wiring material type, wiring gauge related to power capacity requirements and circuit length and wiring methods.
- ALL power wiring should be on a dedicated circuit and well protected. The location of the power disconnect should be visible and clearly labeled.
- Branch circuit protection to be provided by others.

CONNECTION DIAGRAM 90-TRNSFRMR

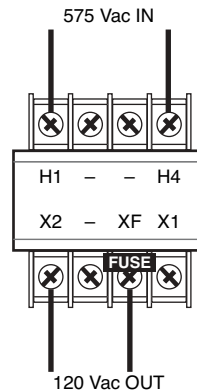
MODEL: 90-TRNSFRMR-4

NOTES:

- BRANCH CIRCUIT PROTECTION BY OTHERS.
- FUSE 120 Vac, 500 mA, 5AG.
- WARNING: FOR CONTINUED PROTECTION AGAINST FIRE, REPLACE FUSE WITH SAME TYPE AND RATING ONLY.
- USE 16AWG COPPER WIRE FOR FIELD WIRING.



MODEL: 90-TRNSFRMR-5



MODEL: 90-TRNSFRMR-2

