

INSTALLATION • OPERATION • MAINTENANCE INSTRUCTIONS

SINGLE PHASE AUXILIARY CURRENT TRANSFORMER

S#1066641
(25 - 60 CYCLES)

APPLICATION

- * Three of these transformers are supplied in place of the three phase auxiliary transformer S#879127 (I.L. 41-486) used with the Type HZ relay, whenever it is required to connect all three zones to receive delta current. A bank of three of these transformers connected star-delta is also used with the type HZM relay to supply all three zones with delta current as well as the synchronous timer, directional unit, and offsetting transformers.

CHARACTERISTICS

The unit consists of a simple wound type transformer with concentric coils insulated from each other and from ground to withstand 2500 volts 60 cycles.

- * A schematic diagram and mounting dimensions are shown in Fig. 1. The ratio of the individual transformers is 5 to 5 amperes. There are no taps on either winding.

When connected star-delta to the star connected main current transformers they will supply 8.66 amperes to the relay windings.

CAPACITY

A set of three of these transformers has sufficient capacity to carry the entire burden of all three zones of HZ or HZM relays when connected to receive delta current.

The burden of the transformer is 13 VA per phase.

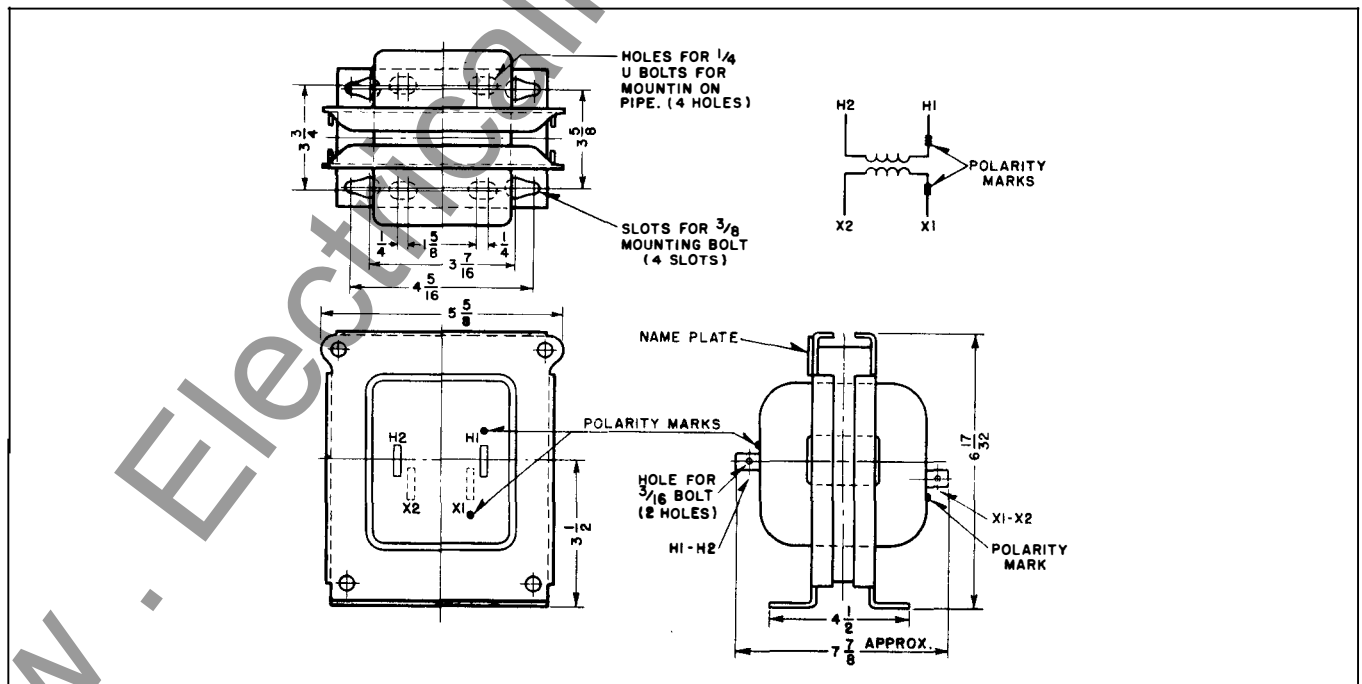


Fig. 1. Internal Schematic, Outline and Drilling Plan of the Single Phase Auxiliary Current Transformers. For Reference Only.

SUPERSEDES I.L. 41-487

*Indicates changes in superseded issue

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