

GEH3429 INSTALLATION INSTRUCTIONS

Neutral Kit

TNI67 and TNI68A



Hazards of electrical shock or burn! Turn off power before working inside this equipment.

Use with:

800 and 1200 Ampere Heavy and General Duty Switches.

Description:

These devices Cat. No. TNI67 and TNI68A are UL listed for use as insulated groundable neutrals and may be field installed.

Kit Contents:

- 1. One (1) Neutral assembly
- 2. Two (2) 3/8"-16X3/4" Mtg. bolts and lock washers
- 3. One (1) Neutral bonding lug
- 4. One (1) 5/16"-18" screw, lock washer and nut for mounting bonding lug

Installation:

On the 800 and 1200Amp switch bases are mounted one or more 3" X 5-5/8" steel plates. The neutral assembly in this kit is to be attached to one of these plates with the enclosed 3/8"-16" bolts and lock washers (Fig. 1).

When more than one plate is mounted on the base, use the plate which best satisfies your wiring requirements.

Bonding Lug:

If it is necessary to bond the enclosure to the neutral, drill an 11/32" diameter hole through the enclosure at some convenient location.

Remove enough paint around the hole to ensure good electrical contact between the enclosure and the bonding lug. Attach the lug with the 5/16"-18" screw, lock washer and nut (Fig. 2). Then run a piece of appropriately sized wire from the bonding lug to one of the #6-250MCM lugs on the neutral assembly.

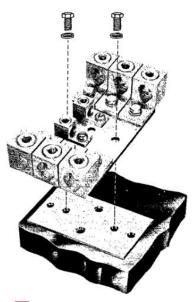


Fig. 1. Assembling Neutral to steel plate

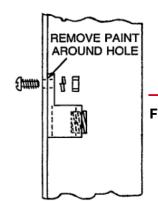


Fig. 2. Attaching bonding lug to enclosure

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