



GEH4683

Neutral Kit

TNIA62*/TNIA63*



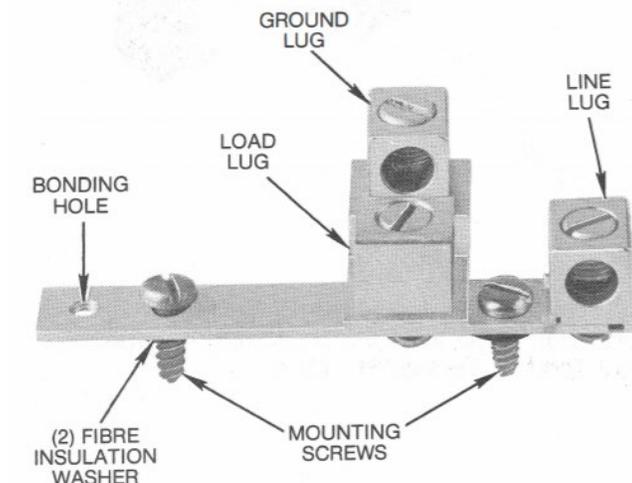
Hazards of electrical shock or burn! Turn off power before working inside this equipment.

Used with:

600Vac 60-100 Ampere NEMA 1, 3R Heavy and General Duty Fusible Switches

Description:

These devices, catalog numbers, TNIA62*, Model 2 and TNIA63*, Model 2 are UL listed for use as 600Volt maximum insulated groundable neutrals for installation in type TH, Model 7, Fusible Safety Switches. Each complete kit consists of the following parts.



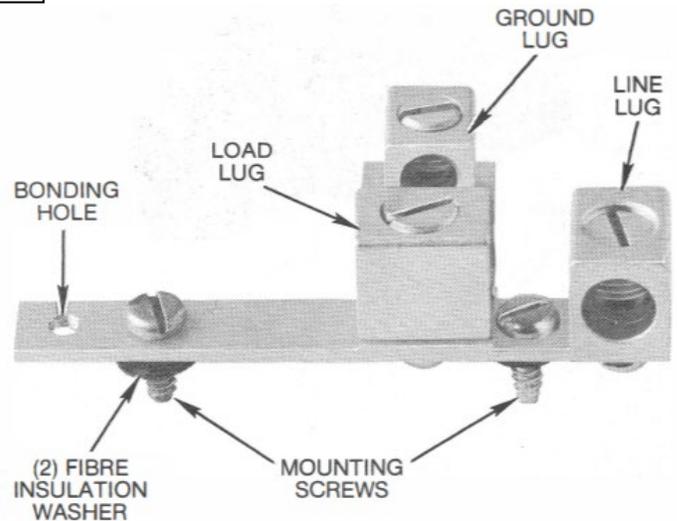
TNIA62*, Model 2 (Figure 1)

Neutral strap with:

- 3 each 14-2 Copper, 12-2 Aluminum Lugs (1 each for line, load and grounding)
- 2 each #10-16 self-threading mounting screws
- 2 each Fiber insulating washers (attached to mounting screws)

For Bonding:

- 2 each #10-32UNF X 1/4inch thread-forming screws
- 1 each bonding strap



TNIA63*, Model 2 (Figure 2)

Neutral strap with:

- 2 each 12-0 Copper, 12-0 Aluminum Lugs (1 each for line and load)
- 1 each 14-2 Copper, 12-2 Aluminum Lug (for grounding)
- 2 each #10-16 self-threading mounting screws
- 2 each Fiber insulating washers (attached to mounting screws)

For Bonding:

- 2 each #10-32UNFX1/4inch thread forming screws
- 1 each bonding strap

Note: * - Applicable for UL Recognized catalog numbers with UR suffix also.

Installation:

Both neutrals are mounted on the foot of the Safety Switch Base as shown in Figures 3 and 4, by driving the mounting screws into blind holes provided in the base. To ensure even seating of the neutral, turn each mounting screw alternately a few turns at a time.

Caution: Be sure the heads of the lug-to-strap mounting screw fit into the appropriate recessed areas in the fuse base; and that the fiber insulation washers are properly located between the neutral and the fuse base.

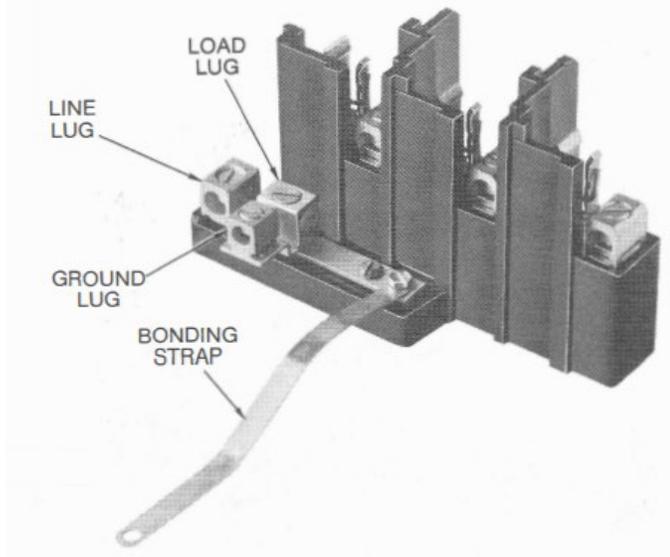


Figure 3.

TNIA 62* Model 2, 60Amp, 600Volt
 Fusible load base for Switch Catalog Numbers
TH3362, Mod. 7. TH3362RH, Mod. 7.

Note: * - Applicable for UL Recognized catalog numbers with UR suffix also.

When installing wiring, the following lug screw torques are recommended.

TNIA 62*, Model 2: Line, load and ground lugs - torque from 45 to 50 in-lbs.

TNIA 63*, Model 2: Line and load lugs – torque from 110 to 120 in-lbs., Ground lug – 45 to 50 in-lbs.

Bonding

If bonding is required, attach bonding strap with #10-32UNF X 1/4inch thread-forming screws as shown in Figures 3 and 4.

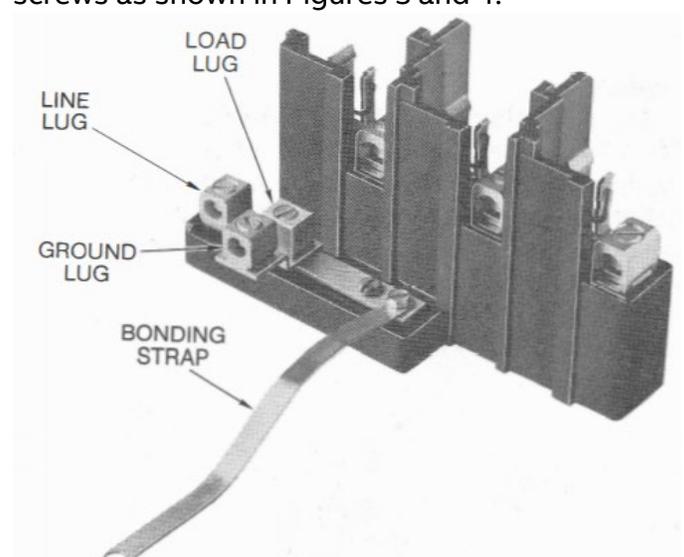


Figure 4.

TNIA 63* Model 2, 100Amp, 600Volt
 Fusible Load Base for Switch Catalog Numbers
TH3363, Mod. 7. TH3363RH, Mod. 7.