



DEH41470

Neutral Kit

TNI66C



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

Used with:

TH3366C and TH3366RC.

Description:

This kit is CSA listed for use as an insulated groundable neutral and may be installed in 600Amp type TH3366C and TH3366RC safety switches. Each kit contains the following parts (see Figure 1):

- Neutral block and mounting hardware
- Qty (2) ground lugs
- Qty (2) neutral lugs with mounting hardware
- Qty (2) bonding lugs with mounting hardware

Wire Range

Neutral Lug	Ground Lug	Bonding Lug
(2) #4-600 MCM Cu/Al	#6-250 MCM Cu/Al	#14-2/0 Cu/Al

Installation:

Step 1. Refer to switch label for proper mounting location of neutral kit.

Step 2. Mounting neutral block to enclosure as shown in Figure 2. Torque fasteners to 20-24 in-lbs.

Step 3. Mount line and load lugs to neutral block as shown in Figure 1 using hardware provided. Torque fasteners to 200-250 in-lbs.

Step 4. Install bonding lugs as shown in Figure 2 (if required). Remove the paint on the enclosure where the bonding lug will be installed. Torque mounting fastener to 25-30 in-lbs. Install bonding jumper (not provided) between bonding lugs and torque lug screws to 45 in-lbs (size jumper wire according to the National Electric Code).

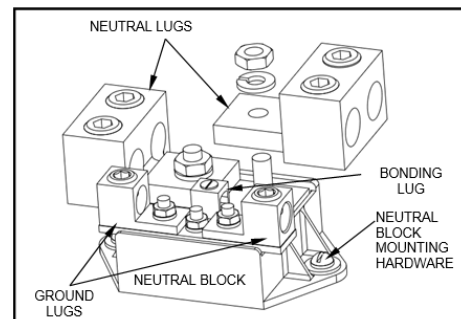


Figure 1 – TNI66C Neutral Kit

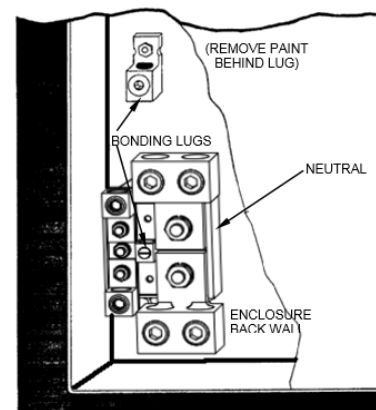


Figure 2 – Typical installation of TNI66C Neutral Kit