

Neutral Kit-TNI66C



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

Used with:

TH3367C, TH3367RC, TH3368C and TH3368RC.

Description:

TNI67C and TNI68C neutral kits are CSA listed for use as insulated groundable neutrals. TNI67C is for use in type TH3367C and TH3367RC 800Amp safety switches. TNI68C is for use in type TH3368C and TH3368RC 1200Amp safety switches. Each kit contains the following parts (see Figure1):

- Plate and mounting hardware
- Neutral lugs with mounting hardware (TNI67C contains 6 lugs, TNI68C contains 8 lugs)
- Qty (2) bonding lugs with mounting hardware
- Qty (2) ground lugs with mounting hardware

Wire Range

Wire Range	Neutral Lug	Ground Lug	Bonding Lug
TNI67C	(1) #2-600MCM Cu/Al Or (2) 1/0-250MCM Cu/Al	#6-250MCM Cu/Al	#6-250MCM Cu/Al
TNI68C	3/0-800MCM Cu/Al	#6-250MCM Cu/Al	#6-250MCM Cu/Al

Installation:

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

Step 2. Mount neutral kit to mounting plate and base as shown in Figure 1. Torque fasteners to 50-60 in-lbs.

Step 3. Install bonding lugs as shown in Figure 1 and Figure 2 (if required). Drill an 11/32" diameter hole through the enclosure at a convenient location. Remove the paint on the enclosure where the bonding lug will be installed. Torque mounting fastener to 40-45 in-lbs. Install bonding jumper (not provided) between bonding lugs and torque lug screws to 275 in-lbs (size jumper wire according to the National Electric Code).

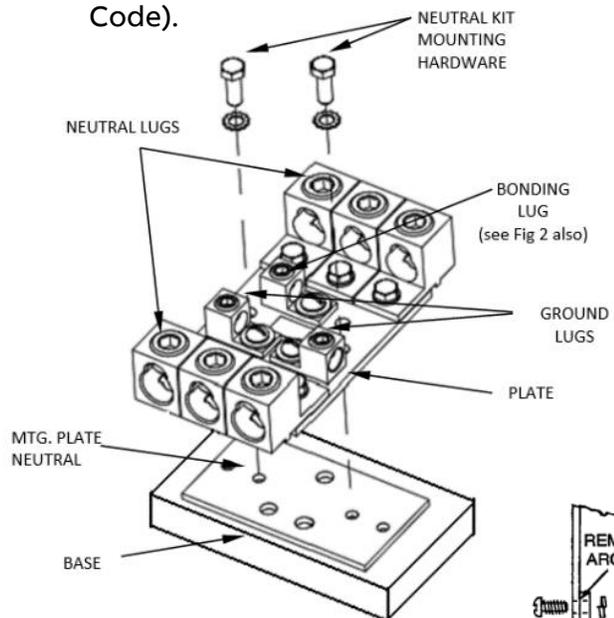


Figure 1. TNI66C Neutral

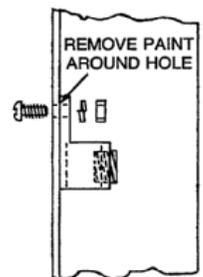


Figure 2. Bonding lug installation