

Neutral Kit

TNI 66C



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

Use 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 Figures 1):

- Neutral block and mounting hardware
- Qty (2) Ground lugs
- Qty (2) Neutral lugs and 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

Step1: Refer to switch rating label for proper mounting location of neutral kit.

Step 2: Mount 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 screw as shown in Figure2 (If required). Remove the paint on the enclosure where the bonding lug will be installed. Torque mounting fasteners 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).

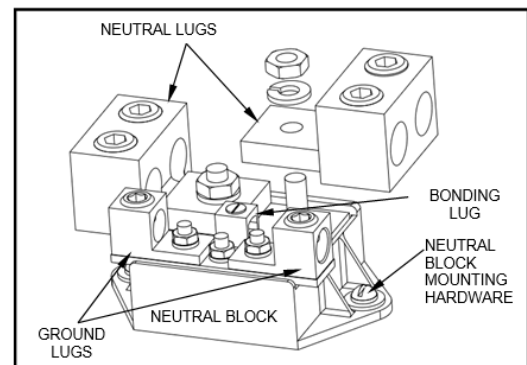


Figure 1 – TNI66C Neutral Kit

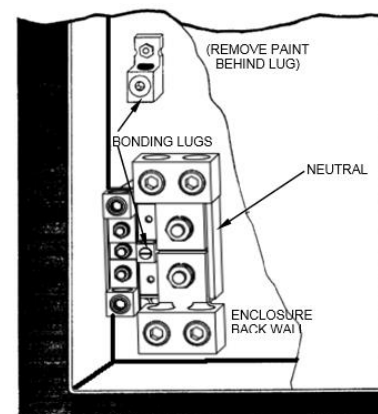


Figure 2 – Typical Installation of TNI66C Neutral Kit

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