

DEH41469 INSTALLATION INSTRUCTIONS

# Neutral Kit

TNI 65C



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

**Use with:**

TH3365C and TH3365RC.

**Description:**

This kit is CSA listed for use as an insulated groundable neutral and may be installed in 400Amp type TH3365C and TH3365RC 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
- Bonding screw (not shown in Figure 1)

**Wire Range**

Neutral Lug	Ground Lug
(1)#2-600 MCM Cu/Al Or (2)1/0-250MCM Cu/Al	#6-250 MCM Cu/Al

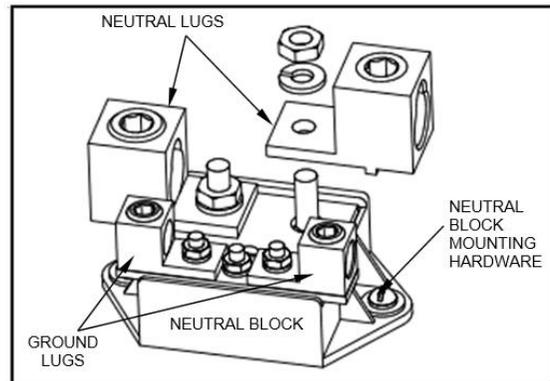
**Installation**

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

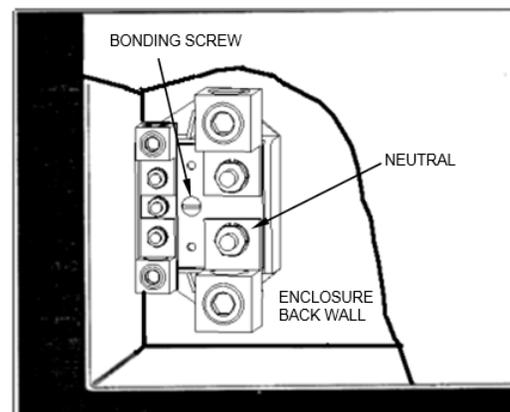
Step 2: Mount neutral block to enclosure as shown in Figure 2. Torque fasteners to 20-24 in-lbs.

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 Figure 2 (If required). Torque fasteners to 20-24 in-lbs. Note: The tapped hole in type 3R enclosures is covered with a plastic disc. It is not necessary to remove the disc. The bonding screw will penetrate the disc.



**Figure 1 - Neutral**



**Figure 2 – Typical Installation of TNI65C Neutral Kit**