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<http://www.usa.siemens.com/dpd>


Item: Neutral Kit,
Catalog Number HN678

For use with:
800-1200 Amp
VBII Safety Switches

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Pc. No. 508145C04

Installation Instructions for Standard Neutral Kit



! DANGER

Hazardous voltage.
Will cause death or serious injury.

Turn off and lock out all power supplying this Safety Switch before installing kit.

Replace the covers and shields before restoring power to switch.

! SAFETY INSTRUCTIONS

Note: This instruction outlines recommended installation procedure.

1. Turn OFF and lock out the power supplying the Safety Switch.
2. Turn the Safety Switch OFF.
3. **IMPORTANT: Non-Fused Switch Spacing:**
Verify spacing to Cross-Bail Protector per Figure 2 before mounting Neutral. Drill (8) new .22 diameter

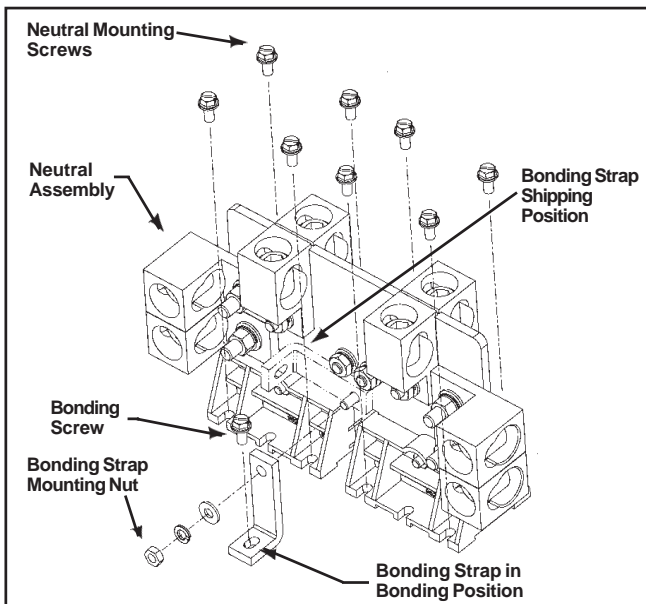


Fig. 1

holes (7/32 drill), if spacing is less than shown. Place new holes at the dimensions shown in Figure 2 to allow access to Neutral ground lugs when installation is complete.

4. When bonding is required:
 - a. Loosen Bonding Strap mounting screw and reposition Bonding Strap to the bonding position on the Neutral Assembly as shown in Fig. 1. Torque Bonding Strap mounting screw to 65 lb-ins in this position.
 - b. Prepare enclosure surface for bonding by removing paint from the back of the enclosure where the bonding strap makes contact. (Sandpaper is provided in this kit.)
5. Position Neutral Assembly over existing holes as shown in Fig. 2.
6. Insert Neutral Mounting screws and torque to 64 lb.-ins.
7. When bonding is required place green thread rolling screw in Bonding Strap as shown in Fig. 2, and torque to 45 - 50 lb.-ins.
8. Install conductors and torque wire connector pressure screws to the values listed in the Torque Table on the interior label.
9. Close cover before supplying power to this switch.

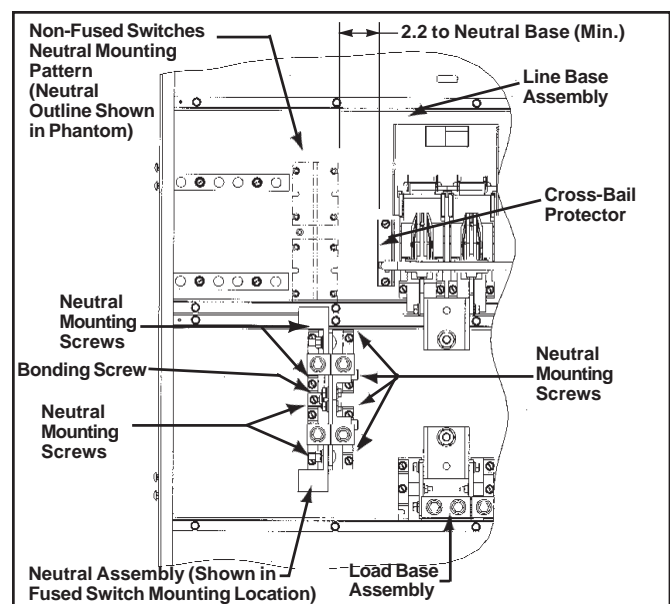



Fig. 2

Installation Instructions for 200% Neutral Kit



! DANGER

Hazardous voltage.
Will cause death or serious injury.

Turn off and lock out all power supplying this Safety Switch before installing kit.

Replace the covers and shields before restoring power to switch.

! SAFETY INSTRUCTIONS

Note: This instruction outlines recommended installation procedure.

1. Turn OFF and lock out the power supplying the Safety Switch.
2. Turn the Safety Switch OFF.
3. When bonding is required:
 - a. Loosen Bonding Strap mounting screw and reposition Bonding Strap to the bonding position on the Neutral Assembly as shown in Fig. 1. Torque Bonding Strap mounting screw to 65 lb-ins in this position.
 - b. Prepare enclosure surface for bonding (if the back of the enclosure is not painted, continue to step 4)
 - i. For Type 3R enclosures, remove rainproof barrier covering mounting area, see Fig. 3.
 - ii. Remove paint from back of the enclosure where the bonding strap makes contact. (Sandpaper is provided in this kit.)
4. Position Neutral Assembly over existing holes as shown in Fig. 3.
5. Insert Neutral Mounting screws and torque to 64 lb.-ins.
6. When bonding is required place green thread rolling screw in Bonding Strap as shown in Fig. 3, and torque to 45 - 50 lb.-ins.
7. Install conductors and torque wire connector pressure screws to the values listed in the Torque Table on the interior label.
8. Close cover before supplying power to this switch.

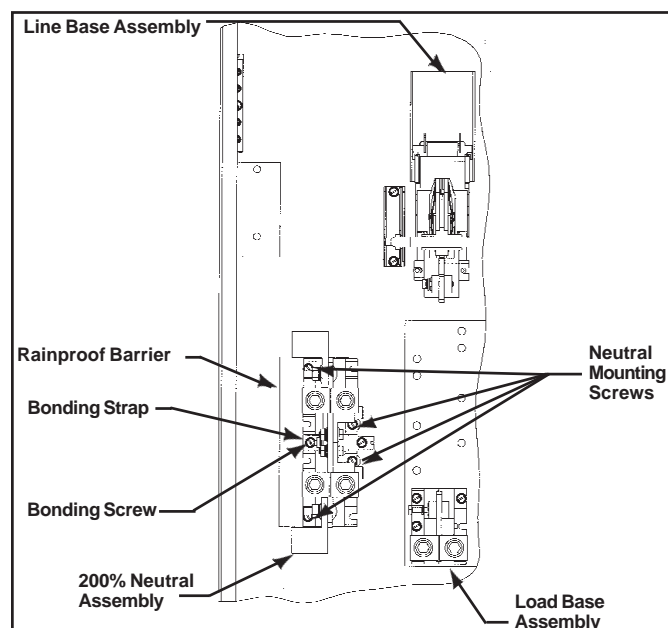


Fig. 3