



## Spectra Series™ Power Panelboards

### 800 & 1200 Ampere Fusible Switch



**WARNING:** Danger of electrical shock or injury. Turn OFF power ahead of the panelboard or switchboard before working inside the equipment or removing any component. Do not remove circuit protective devices or any other component until the power is turned OFF.

### General

To comply with the National Electrical Code and Underwriters Laboratories, the Canadian Electrical Code and the Canadian Standards Association, the load center must be installed in accordance with the information included on the label on the inside of the equipment. This must also be done in accordance with the applicable local electrical codes and by a qualified electrical contractor or licensed electrician.



**WARNING:** Hazard of electrical shock or burn. Turn off power supplying this equipment before working inside.

### Installing the Fusible Switch

Use the following instructions to install main or branch switches.

- 1. Assemble the bus connector blocks.** Locate the switch on the interior at the extreme top or bottom position. Before assembling the bus connector blocks, note if the panel will have top or bottom feed. Using the  $1/4-20 \times 1\frac{5}{8}$ " carriage bolts, flat washers, conical washers, and nuts provided, secure the blocks between the bus bars as shown in Figure 1. Tighten the bolts to 40–50 in-lb.
- 2. Attach the strap module assembly.** Align the hook tabs on the bottom of the switch into the square holes in the support rails on the panelboard interior, as shown in Figure 2. Line up the slotted holes in the module straps with the tapped holes in the bus connector block. Mount the switch in position on the power panel interior with the four self-tapping mounting screws provided, as shown in Figure 3.

Secure the module straps with the  $5/16 \times 7/8$ " hex-head bolts, conical washers, and flat washers provided, as shown in Figure 4. Tighten the bolts to 90–110 in-lb.

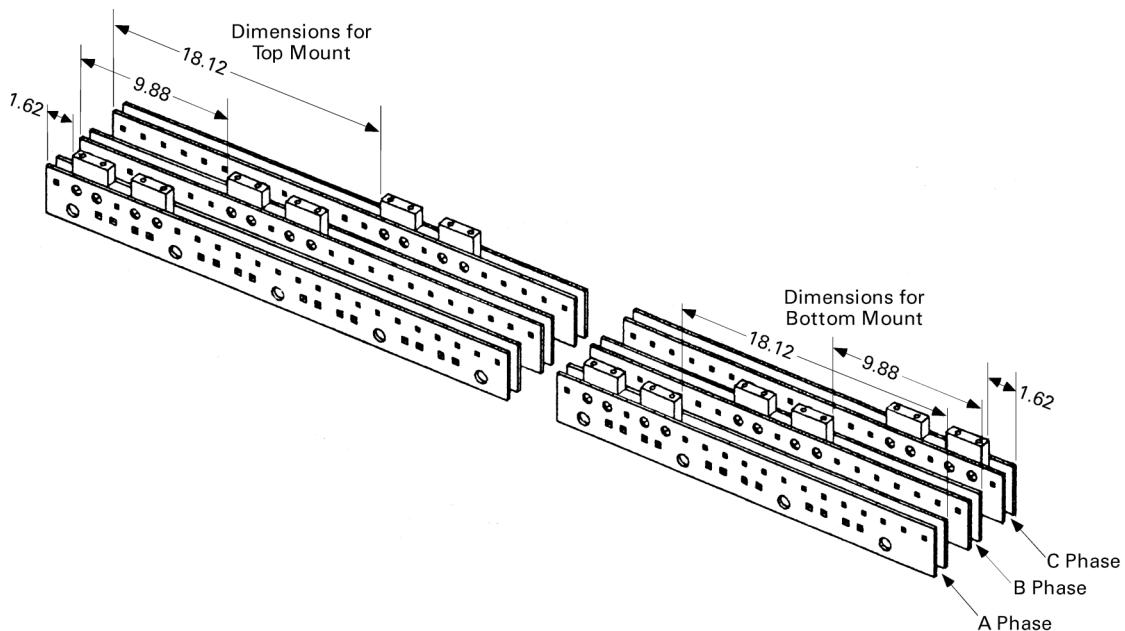


Figure 1. Bus connector blocks assembled between the bus bars.

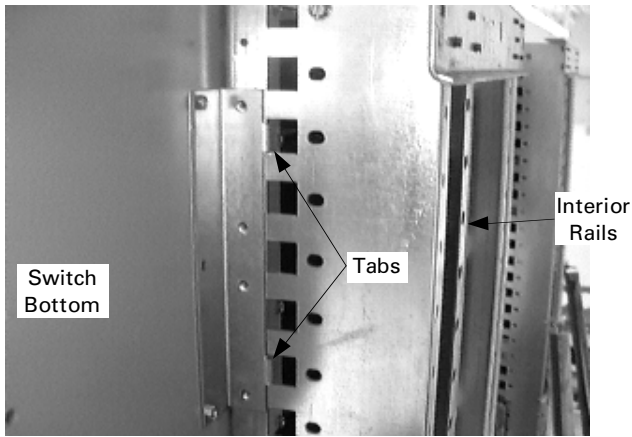


Figure 2. Hook tabs on the switch bottom aligned on the support rail.



Figure 3. Mounting the switch in position on the interior.



Figure 4. Securing the module straps.

3. **Attach the switch to the module.** Orient the switch with the ON end of the label facing up. Attach the strap module assembly with the ten #10-32 hex-head self-tapping screws provided, as shown in Figure 5. Tighten the screws to 27–32 in-lb.

Secure the load end (line end for branch installation) of each switch unit to the straps in the module assembly with the  $\frac{5}{16} \times \frac{7}{8}$ " hex-head bolts, conical washers, and flat washers provided, as shown in Figure 6. Tighten the bolts to 90–110 in-lb.

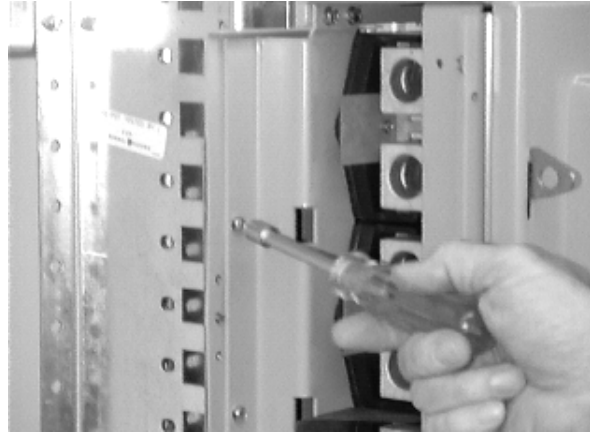


Figure 5. Attaching the strap module to the switch.

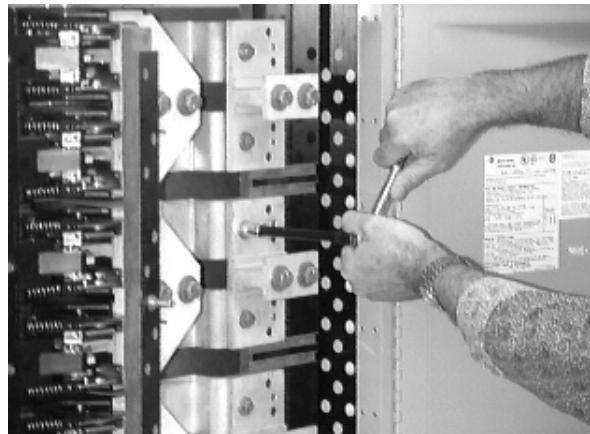


Figure 6. Attaching the switch to the straps.

4. **Attach the Main label.** For a main device only, attach the MAIN label from the panelboard label kit to the panelboard cover where it will be clearly visible.



**CAUTION:** Insert filler plates over all unused spaces before energizing the power panel.

These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the GE Company.



**GE Industrial Systems**