



Spectra Series™ Power Panelboards

Circuit Breaker Cover



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

These instructions apply to the following circuit breaker frames: SE, SF, TE, TF, TQ, and TEL.

Installation

1. Select the breaker cover supports and breaker covers.

Table 1 lists the catalog numbers of the appropriate cover supports for various switchboard and panelboard sizes. Table 2 lists the breaker covers for various breaker types.

Cover Height	Switchboard or Panelboard Width		
	27 & 31" Pnlbd 35" Swbd	36 & 40" Pnlbd 40" Swbd	44" Pnlbd 45" Swbd
4 1/8" (3X) & 5 1/2" (4X)	208C1850P4*	208C1850P3	208C1850P3
2 3/4" (2X)	208C1850P6	208C1850P5	208C1850P5

* Use 208C1850P3 for SFHA, SFLA, SFPA, TFL, TFJ, TFK, and THFK, in single-branch mountings.

Table 1. Circuit breaker cover support catalog numbers for various panelboard and switchboard widths.

Cover Height	Switchboard or Panelboard Width		
	27 & 31" Pnlbd 35" Swbd	36 & 40" Pnlbd 40" Swbd	44" Pnlbd 45" Swbd
SEDA, SEHA, SELA, SEPA – Double-branch mount only			
4 1/8" (3X)	208C4262G32	208C4262G33	208C4262G34
5 1/2" (4X)	N/A	208C4262G35	208C4262G36
SFHA, SFLA, SFPA – Single-branch mount (see Figure 1)			
4 1/8" (3X)	208C4262G53	208C4262G54	208C4262G55
5 1/2" (4X)	N/A	208C4262G56	208C4262G57
SFHA, SFLA, SFPA – Double-branch mount			
4 1/8" (3X)	208C4262G58	208C4262G59	208C4262G60
5 1/2" (4X)	N/A	208C4262G61	208C4262G62
TEB, TED, THED, TEL – Double-branch mount			
2 3/4" (2X)	208C4262G26	208C4262G27	208C4262G28
4 1/8" (3X)	208C4262G29	208C4262G30	208C4262G31
TFJ, TFK, THFK, TFL – Single-branch mount (see Figure 1)			
4 1/8" (3X)	208C4262G1	208C4262G2	208C4262G3
TFJ, TFK, THFK, TFL – Double-branch mount			
4 1/8" (3X)	N/A	208C4262G6	208C4262G7
TQD, THQD – Double-branch mount			
2 3/4" (2X)	208C4262G20	208C4262G21	208C4262G22
4 1/8" (3X)	208C4262G23	208C4262G24	208C4262G25

Table 2. Circuit breaker cover catalog numbers for various panelboard and switchboard widths.

2. Mount the circuit breaker cover supports. Mount the breaker cover supports supplied in the kit to the circuit breaker module or mounting plate, according to the instructions supplied with the module or mounting plate.

To install the cover support for single-branch SF and TF breakers, first remove the breaker mounting bracket by prying back the plastic spring clip on the module. Slide the cover support on and snap the breaker mounting bracket back into the module. Fasten the cover support to the module, as shown in Figure 1.

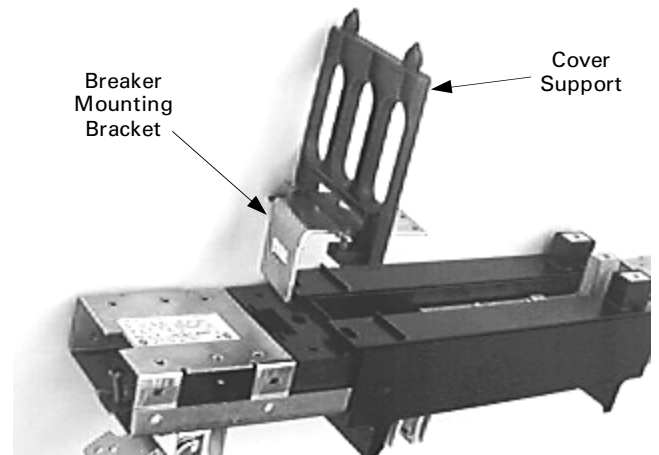


Figure 1. Installing the cover support for single-branch SF and TF breakers.

3. Attach the center barrier to the breaker cover for double-branch 3X or 4X TEB, TED, THED, TQD, THQD, SE, SF, TFK, THFK, and TFL breakers. Use two push-in rivets, as shown in Figure 2.

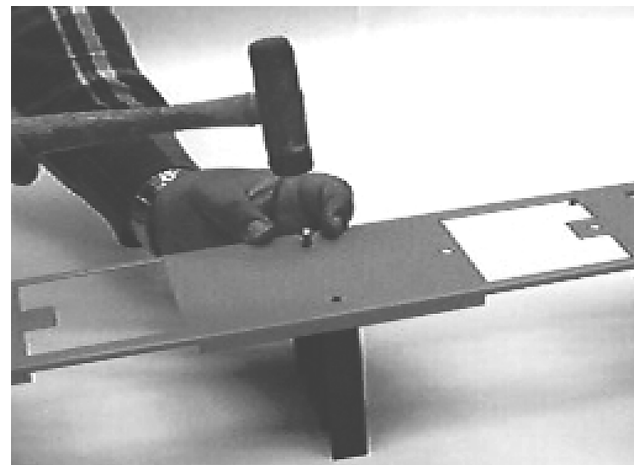


Figure 2. Attaching the center barrier to the breaker cover.

4. **Install the space fillers** to any holes in the filler plate with no breakers mounted behind.

For SE, SF, TFJ, TFK, THFK, and TFL breakers, use the steel space filler and two #10 x 3/8" screws, tightened to 25 in-lb, as shown in Figure 3.

For TEB, TED, THED, TQD, THQD, and TEL breakers, use the plastic space fillers. Install the filler from the underside of the breaker cover. Engage the slotted end of the space filler with the inside edge of the opening in the breaker cover. Secure the other end in place with a #10 x 7/8" screw, tightened to 15 in-lb, as shown in Figure 4.

5. **Install the assembled breaker cover** over the flexible prongs on the filler supports, as shown in Figures 5 and 6.

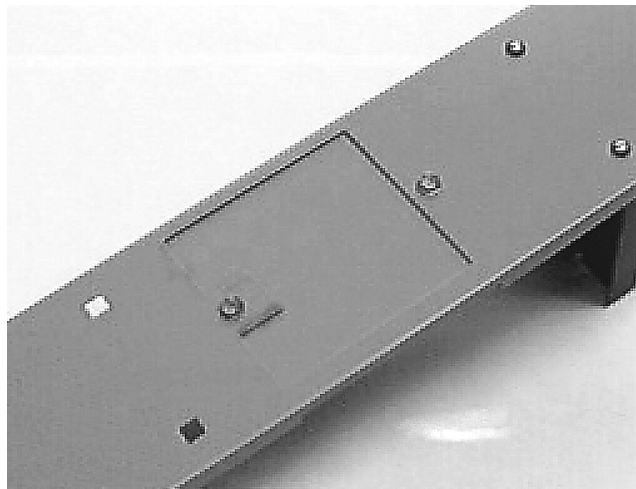


Figure 3. Installing the steel space filler for SE, SF, TFJ, TFK, THFK, and TFL breakers.

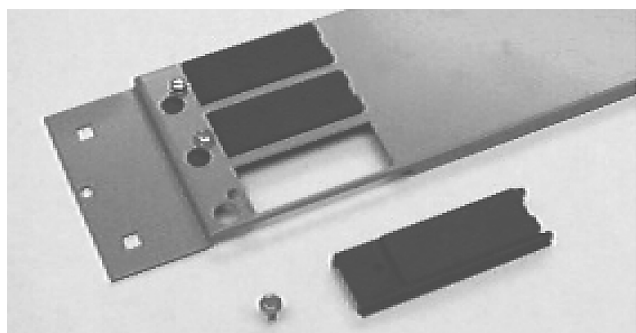


Figure 4. Installing the plastic space fillers for TEB, TED, THED, TQD, THQD, and TEL breakers.

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.



Figure 5. Breaker cover installed on the filler supports for SE, SF, TFJ, TFK, THFK, and TFL breakers.

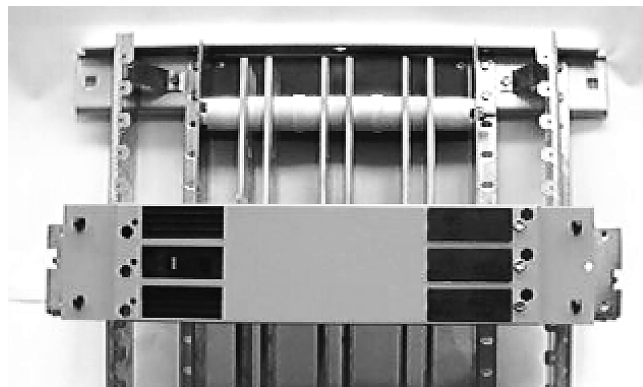


Figure 6. Breaker cover installed on the filler supports for TEB, TED, THED, TQD, THQD, and TEL breakers.

CAUTION: To ensure secure mounting, push the breaker cover completely over the four flexible prongs on top of the filler supports, as shown in Figure 7.

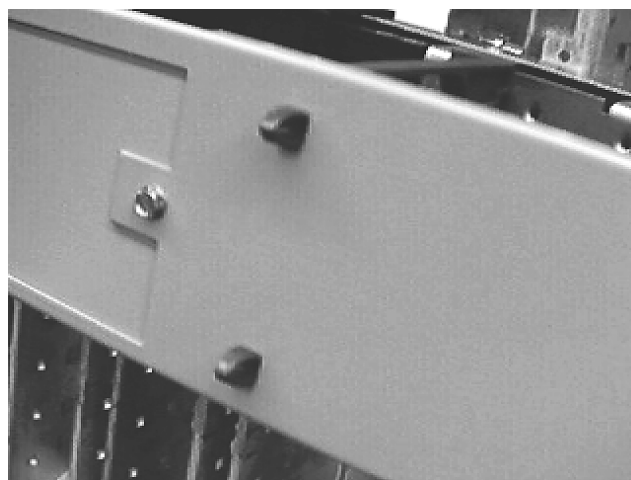


Figure 7. Breaker cover securely mounted on the flexible prongs.

NOTE: Push-on breaker covers may bend if not removed properly. Pull the *upper edge* of the breaker cover off the flexible prongs, then pull the lower edge free.



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