

SIEMENS

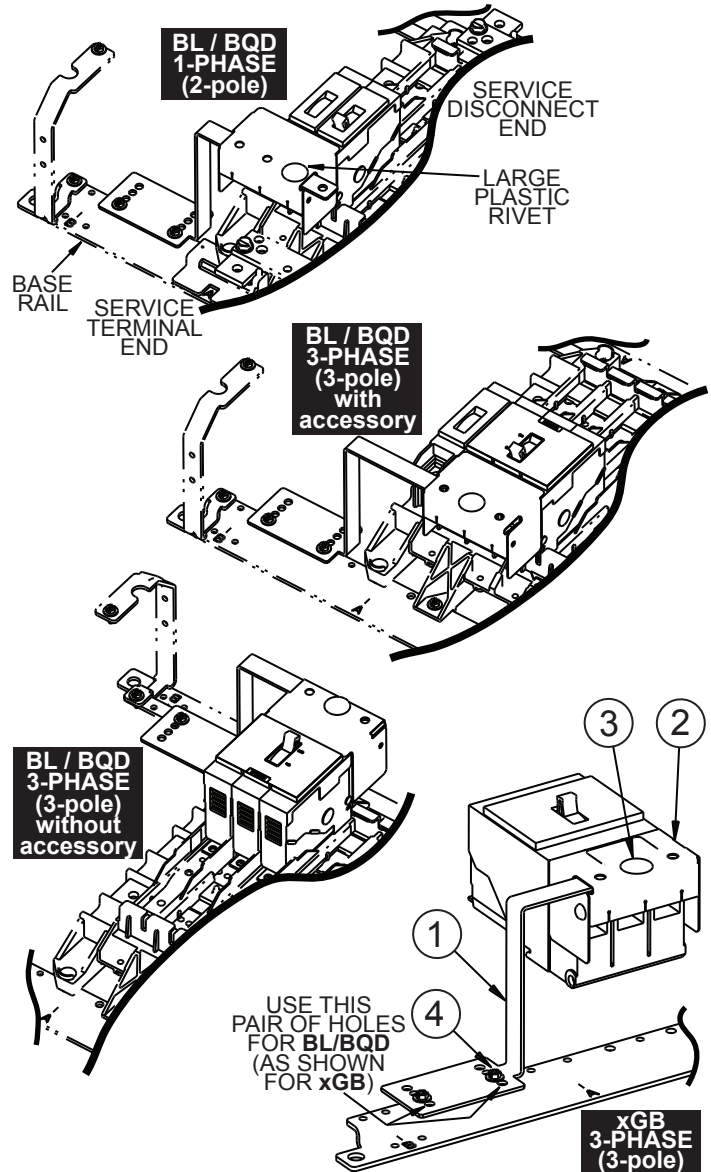
SEBKRP1V3 / SEBKRP1V4

Installation Instructions for Service Entrance Barrier Kits for Back-Fed BL, BQD / xGB Main Breakers in an RP1 Panel



This instruction sheet is to support the field installation of Service Entrance Barrier Kits in Siemens Revised P1 Panelboards. Kit SEBKRP1V3 is for a back-fed BL or BQD Main Breaker and can ONLY be mounted in one of the four corners (top left or right for top-fed; bottom left or right for bottom-fed). Kit SEBKRP1V4 is for a back-fed xGB Main Breaker and can ONLY be mounted in one of two corners (top left for top-fed; bottom right for bottom-fed). This covers both single-phase and three-phase panels.

1. Lock off ALL power supplying this equipment before working on it.
2. Remove the panelboard front cover and deadfront.
3. Identify the base rail on the Service Terminal End of the Service Main where this will be added. At each corner of the interior, there are a pair of holes on the base rail that are 2" apart that the bracket will mount to.
4. Locate the base of the bracket (Item 1) to the base rail. If the Main Breaker is Type xGB, use the INNER pair of holes on the bracket for alignment to the two base rail holes that are 2" apart; otherwise, use the OUTER pair of bracket holes for Type BL/BQD.
5. Insert ONE metal screw (Item 4) through one of the properly aligned bracket holes into the base rail hole, but do NOT tighten down all the way.
6. Rotate the bracket arm away from the breaker enough to slide the barrier assembly onto it, with the open end of the barrier facing the breaker. Then rotate the barrier assembly so that the bracket holes align again.
7. Adjust the barrier so that it sits properly aligned to the Service Terminal End of the breaker (completely covering direct exposure to line lugs). Insert the plastic rivet (Item 3) through the barrier and securely through a hole in the bracket arm.
8. Drive the other metal screw (Item 4) through the open bracket hole and into the base rail. Tighten BOTH screws to 30 lb-in.
9. **Before energizing the panel**, ensure that ALL connections have been properly torqued, that the barrier is in place and secure, that the deadfront is installed and that all fillers are in place.



THIS KIT CONTAINS THE FOLLOWING ITEMS:

ITEM	DESCRIPTION	QTY
1	Barrier Support Bracket	1
2	Barrier Assembly	1
3	Large Plastic Ribbed Shank Rivet	1
4	#10-24 x 7/16" SHWHSW Screw	2

These instructions do not purport to cover all details or variations in equipment, or to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the local Siemens sales office. The contents of this Instruction manual shall not become part of or modify any prior or existing agreement, commitment or relationship. The sales contract contains the entire obligation of Siemens. The warranty contained in the contract between the parties is the sole warranty of Siemens. Any statements contained herein do not create new warranties or modify the existing warranty.

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