

# SIEMENS

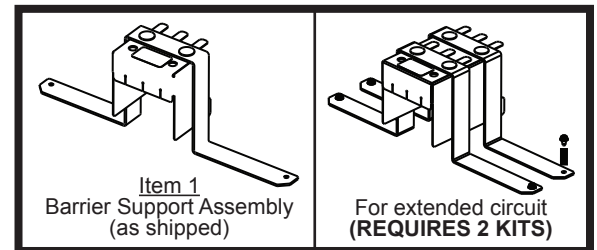
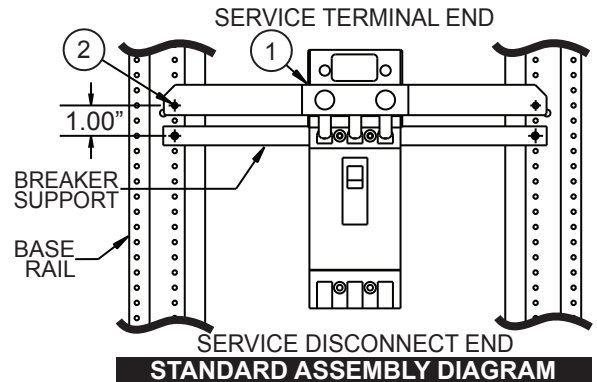
## SEBKP2V6

Installation Instructions  
for Service Entrance Barrier Kit for  
Vertically-Mounted ED Main Breaker  
in P2 Panelboards



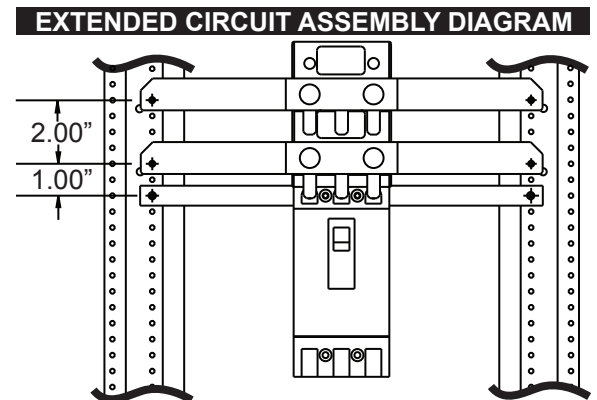
This instruction sheet is to support the field installation of Service Entrance Barrier Kit in Siemens P2 Panelboards, with or without SEM3. Kit SEBKP2V6 is for a Vertically-mounted ED Main Breaker in P2 Panelboards. This covers both single and three phase panels, either top or bottom fed units.

1. Lock off ALL power supplying this equipment before working on it.
2. Remove the panelboard front cover and deadfront.
3. Identify the Base Rails on the Service Terminal End of the Service Main this will be added to. On top-fed units, this kit will be added 1 inch above the Breaker Support (as shown in the Assembly Diagram to the right). For bottom-fed units, the same 1 inch distance but below it instead.
4. Place the base of the Barrier Support Assembly (Item 1) on the Base Rail 1 inch from the Breaker Support. Ensure the barrier completely covers the previously exposed breaker lugs.
5. Drive the metal screws (Item 2) through the properly aligned holes of the bracket base and into the Base Rail. Tighten both screws (Item 2) to 20 lb-in.



**For installation into Extended Circuit P2:** (TWO kits required for Extended Circuit P2's, where Wire Bending space for an ED is GREATER than 8")  
Follow Steps 4 & 5 above, except the second kit installs 2 inches further offset away from breaker (as shown in EXTENDED CIRCUIT ASSEMBLY DIAGRAM to the right). Ensure that the second barrier properly covers the end of the first barrier.

**OTHERWISE PROCEED TO STEP 6**



6. 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 Assembly	1
2	#8-32 x 9/32" IHWSW 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.

Trademarks-Unless otherwise noted, all names identified by ® are registered trademarks of Siemens AG or Siemens Industry, Inc. The remaining trademarks in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owner.