

SIEMENS

SEBPPVA2

Installation Instructions for Service Entrance Barrier Kit for Horizontally-Mounted 3VA55, 3VA65 or 3VA66 Breaker in a P5 Panelboard



⚠ DANGER

Hazardous voltage.
Will cause death or
serious injury.

Keep out.
Qualified personnel only.
Disconnect and lock off all
power before working on
this equipment.

This instruction sheet is to support the field installation of a Service Entrance Barrier Kit into a Siemens P5 Panelboard. Kit SEBPPVA2 is for a Horizontally-mounted 3VA55, 3VA65 or 3VA66 breaker. 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. Locate the Service Terminal End of the Service Main. This is the location to mount the Service Entrance Barrier.
4. **Refer to Figure 1:**
Position the Barrier Mounting Bracket (Item 2) onto the end of the Plastic Barrier opposite the straps, oriented with the Bracket tab facing the breaker, and secure to the barrier using the two #10-32 SEMS Screws (Item 4). Tighten each to 30 lb-in.
5. **Refer to Figures 2 & 3:**
Position the Service Barrier Assembly (Item 1) onto the Barrier Mounting Bracket (Item 2), oriented as shown, and secure it to the bracket using the two #10-32 Thread-forming Screws (Item 3). Tighten each to 30 lb-in.
6. **Before energizing the panel, ensure that ALL connections have been properly torqued, that the service entrance barrier is in place and secure, that the deadfront is installed and that all fillers are in place.**

Figure 1

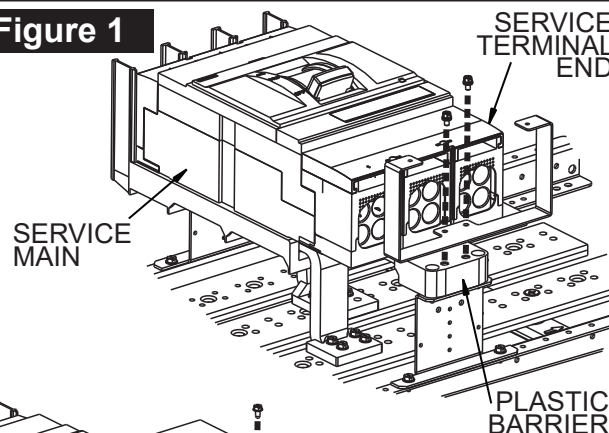


Figure 2

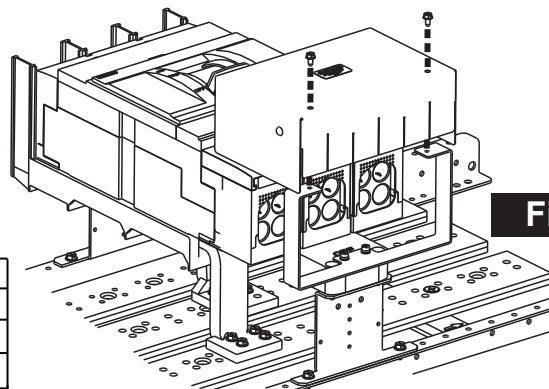
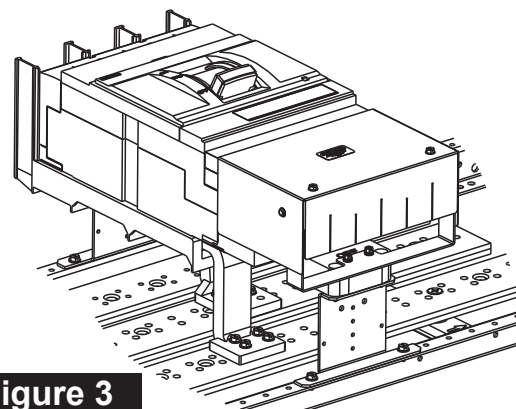


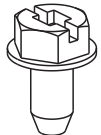
Figure 3



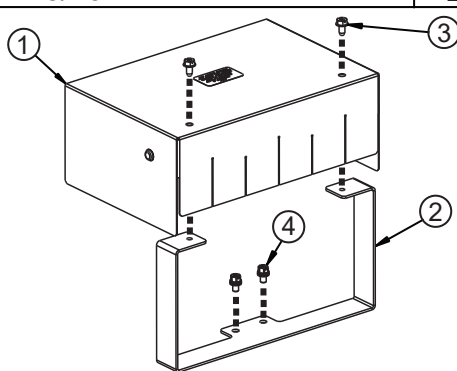
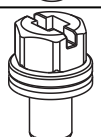
THIS KIT CONTAINS THE FOLLOWING ITEMS:

ITEM	DESCRIPTION	QTY
1	Service Barrier Assembly	1
2	Barrier Mounting Bracket	1
3	#10-32 x 3/8" Thread-forming Screw	2
4	#10-32 x 5/16" SEMS Screw	2

Item 3:
Thread-forming
Screw



Item 4:
SEMS Screw



Contact Siemens Sales Office if considering usage in applications other than as shown.

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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