4100ESi 100V Switching Module Bracket Installation Instructions

This sheet describes installation of the FP1120/ME0554 4100ESi 2 x 100V Switching and Splitter Module Mounting Bracket in a 4100ESi PDI expansion bay.

DO NOT INSTALL ANY SIMPLEX® PRODUCT THAT APPEARS DAMAGED. Upon unpacking your Simplex product, inspect the contents of the carton for shipping damage. If damage is apparent, immediately file a claim with the carrier and notify an authorized Simplex product supplier.

ELECTRICAL HAZARD - Disconnect electrical field power when making any internal adjustments or repairs. All repairs should be performed by a representative or authorized agent of your local Simplex product supplier.

Kit Contents

This kit contains:
1 x FA2712, 2 x Switching Module Mounting Bracket,
4 x HW0209, 6mm Plastic PCB Stand-off (100V Module mounting),
4 x SC0172, M3 x 6 screws (100V Module mounting),
2 x 6-32 UNC x 5/16" screws (Expansion Bay mounting),
1 x LT0670, these instructions.

Bracket Usage

The 100V Switching Module Bracket can be used to mount two FP1117 T-Gen2 100V Switching or FP1118 Splitter Modules at any of seven locations in a PDI expansion bay. One of these brackets plus two FP1119 T-Gen2 Mounting Brackets will fill six PDI blocks in a bay, leaving 2 blocks for an APS Power Supply usually fitted on the right hand side of the bay. The bracket does not fit into an 8U or 15U 4100ESi cabinet.

Bracket Mounting Options

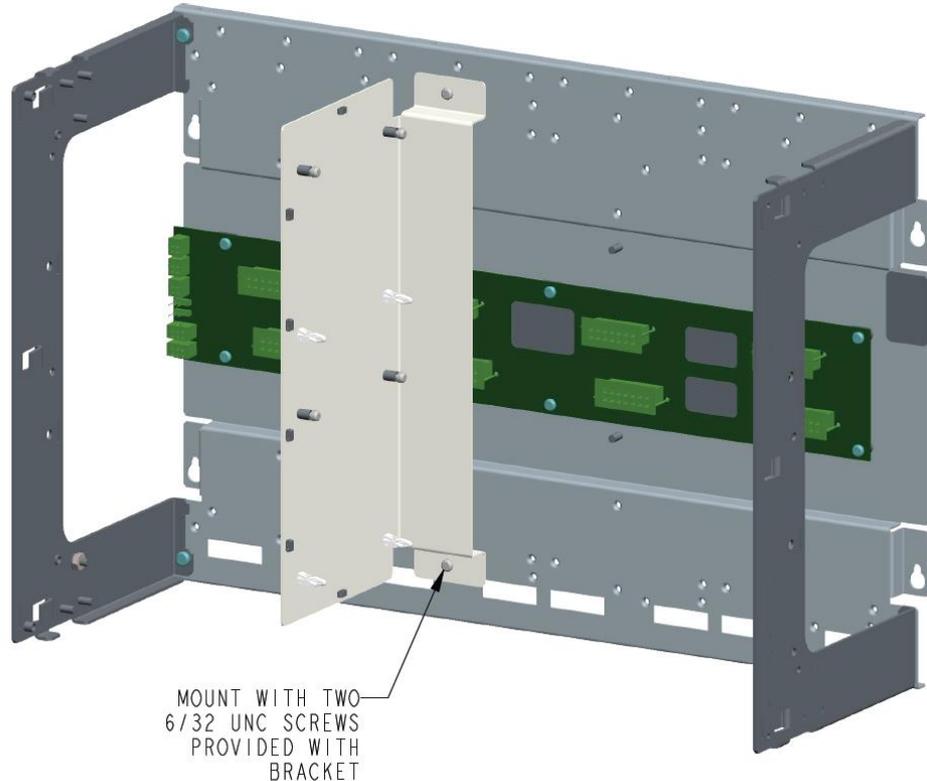Figure 1 shows a typical bracket mounting location in an expansion bay.

MOUNT WITH TWO 6/32 UNC SCREWS PROVIDED WITH BRACKET

Figure 1 – Expansion Bay mounting locations

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Order Of Fitting

Fit the four plastic PCB stand-offs provided in the bracket dia 6.35 holes from the rear.

Remove the 100V Switching Module or Splitter Module from its MX1 mounting bracket, then mount on the FP1120 bracket as per Figure 2.

Mount the bracket in the bay using two 6/32 UNC screws provided.
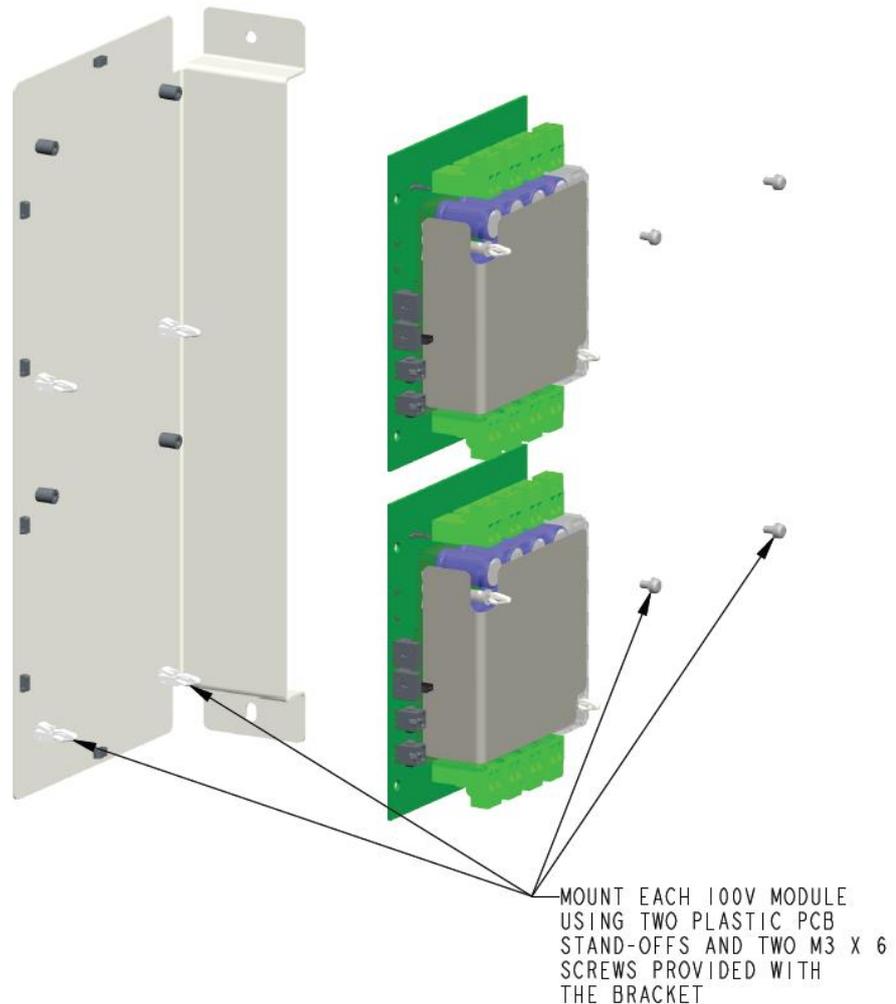
MOUNT EACH 100V MODULE
USING TWO PLASTIC PCB
STAND-OFFS AND TWO M3 X 6
SCREWS PROVIDED WITH
THE BRACKET

Figure 2 – Two 100V Switching Modules mounting on bracket

Panel Connection

Refer to the 100V Switching Module Installation Instructions LT0668 and the 100V Splitter Module Installation Instructions LT0671 for module connection details.

The bracket includes six built-in cable tie mounts for easy cable fastening.