PXM 6” display (VU series) to PXM 6” display (XV series) adapter kit (PX-PMBH-XV)

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1. Introduction

The Power Xpert® meter (PXM) PXM 6” display (VU series) to PXM 6” display (XV series) adapter kit (PX-PMBH-XV) is designed for retrofit of the PXM468K, PXMP or PXBCM-DISP-6 with the corresponding DISP-6-XV display.

2. Installation

Refer to Figure 1 for assembly details on the adapter kit.

The PXM 6” display and the PXM 4/6/8K meter are shown in Figure 1 for reference only. Mounting hardware required for assembly is included with the kit.

**WARNING**

COMPLETELY READ AND UNDERSTAND THE MATERIAL PRESENTED IN THIS DOCUMENT BEFORE ATTEMPTING INSTALLATION, OPERATION, OR APPLICATION OF THE EQUIPMENT. ONLY QUALIFIED PERSONS SHOULD BE PERMITTED TO PERFORM ANY WORK ASSOCIATED WITH THE EQUIPMENT. ANY WIRING INSTRUCTIONS PRESENTED IN THIS DOCUMENT OR WITH THE PRODUCT MUST BE FOLLOWED PRECISELY. FAILURE TO DO SO COULD CAUSE PERMANENT EQUIPMENT DAMAGE, BODILY INJURY, OR DEATH.

**WARNING**

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH, SEVERE PERSONAL INJURY, OR SUBSTANTIAL PROPERTY DAMAGE CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING WITH THE TASK, AND ALWAYS FOLLOW GENERALLY ACCEPTED SAFETY PROCEDURES.

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Figure 1. PXM 6” display (VU series) to PXM 6” display (XV series) adapter kit assembly details.

Step 1 - Locate and drill four 0.218” dia. holes using template 66C3543.

Step 2 - Install the adapter panel.

Step 3 - Install XV-102 into adapter panel opening. Clamp in position using six screw clamps.

*Note: XV-102 shown for reference only.*
**WARNING**

SWITCH THE MAIN POWER OFF AND WAIT FIVE (5) MINUTES BEFORE MAKING ANY CONNECTION OR DISCONNECTION ON THE DEVICE. DANGER OF EXPLOSION! EATON IS NOT LIABLE FOR THE MISAPPLICATION OR MISINSTALLATION OF ITS PRODUCTS.

**CAUTION**

BEFORE ATTEMPTING TO INSTALL THIS EQUIPMENT IN AN EXISTING OEM ENCLOSURE, MAKE SURE THE ENCLOSURE IS SECURELY MOUNTED AND THAT THE MOUNTING AND ALL EXISTING WIRING MEETS OR EXCEEDS ALL APPLICABLE CODES AND STANDARDS.

### 2.1 Panel selection and preparation

**Step 1.** Disconnect and lockout all power to the enclosure.

**Step 2.** Inspect the enclosure panels to determine the best mounting location for the adapter kit, with respect to the original cutout.

**Step 3.** Use the drilling template (see Figure 2) to mark the mounting hole locations, with respect to the original cut-out. Using a 0.218” drill bit, drill the four mounting holes.

**Step 4.** Use a file or other applicable tool to remove any metal burrs from the drilled holes.

### 2.2 Projection mount adapter kit installation

**Step 1.** Align the studs of the PXM 6” display adapter bracket with the mounting holes drilled in Section 2.1 - Step 3. Once aligned, push the display adapter bracket into the panel until flush with the outside of the panel.

**Step 2.** Secure the display adapter bracket using the nuts supplied.

**Step 3.** Refer to TD150029EN for mounting instructions for the PXM 6” display.

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**Figure 2.** PXM 6” display (VU series) to PXM 6” display (XV series) adapter kit cutout / drilling information.
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