

# PXMP display quickstart guide

For detailed information concerning the operation and features available in the PXMP meter display - 6" color touchscreen (PXMP-DISP-6-XV), please refer to PXMP meter color touchscreen display Features (IB150022EN) available on the Eaton website ([www.eaton.com/meters](http://www.eaton.com/meters)).



Figure 1. Color touchscreen display for PXMP series meter.

## Installation

1. Disconnect and lockout all power to the enclosure.
2. Inspect the enclosure door to determine the best mounting location for the PXMP display.
 

**Note:** A minimum clearance of 1.18 in. (30.0 mm) must be maintained between the ventilation holes in the back of the display and any other component within the enclosure.
3. Use the mounting template to mark the cutout area on the enclosure door. Cut out the marked area.
4. Insure proper gasket placement on the PXMP display.
5. Insert PXMP display through the cutout.
6. Fit the supplied threaded pins in the retaining brackets. The tips of the threaded pins must point towards the wider ends of the retaining brackets. Clip on the retaining brackets in the recesses provided for them on the device.
7. Check for proper alignment of the PXMP meter color touchscreen display. Then fix the device by torquing the threaded pins to 0.1 Nm (0.86 lb-in) with a 2mm hexagonal screwdriver. The front of the display should be flush with the surface of the control cabinet at the fixing points.

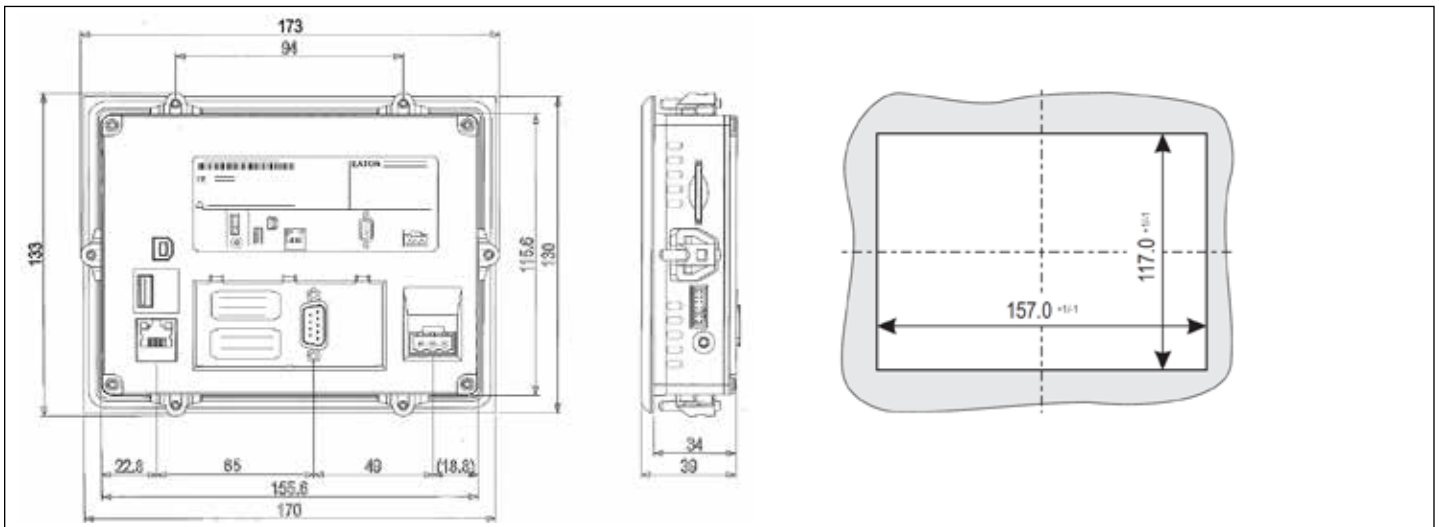


Figure 2. PXMP-DISP-6 cut out dimensions.

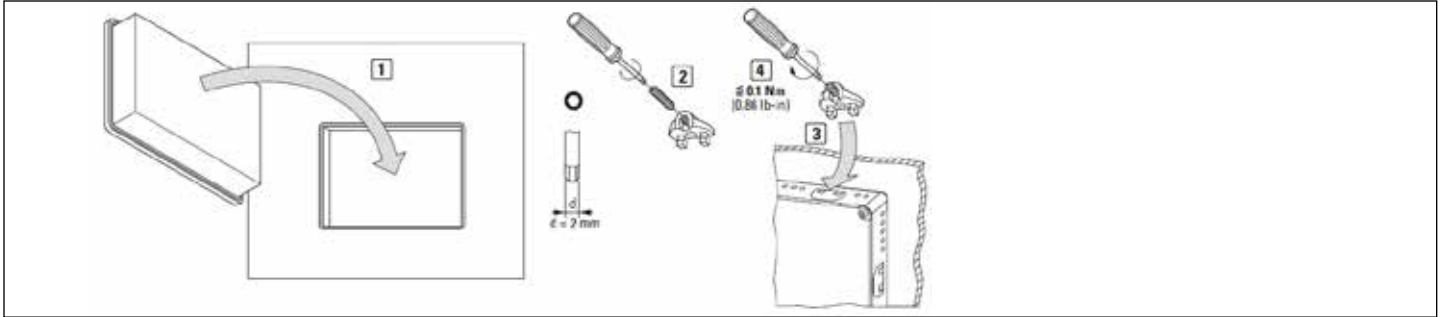


Figure 3. Mounting the PXMP display.

**Connections**

To use the PXMP display, provide 24 Vdc and connect the communication cable between the display and the PXMP meter base.

The Eaton PSG60E is an appropriate 24 Vdc power supply for both the PXMP-MB meter base and PXMP display. The display's plug-in terminals provide connections for +24, GND and Common (0).

Included with the PXMP display is a communications cable to connect DB9 Com 2 of the display to 4-terminal Com 2 of the PXMP meter base.

For best results, use the default communication settings for the PXMP-MB and PXMP display (115.2 kbps, 1 start bit, 1 stop bit, no parity).

**Note:** By default, the PXMP display is preset for a PXMP meter base slave address of "01". To accommodate a different slave address, the User MUST change the PXMP display's "Modbus ID". This setting can be found under Settings > Meter ID.

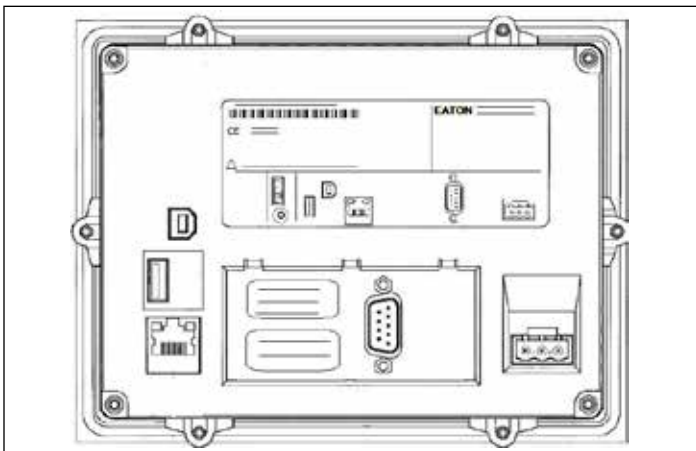


Figure 4. PXMP-DISP-6-XV.



Figure 6. Changing the Modbus ID.

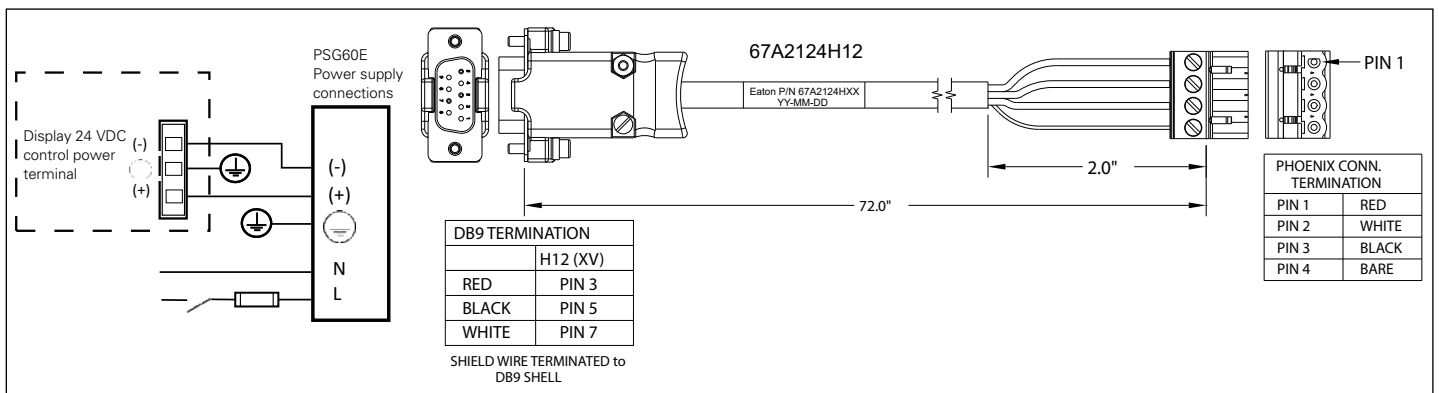


Figure 5. Power and COM port communications for the PXMP touch screen display.

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