

## 2 INSTALLATION

### 2.1 UNPACKING PROCEDURE

1. Remove the Controller from its packing. The Controller is supplied with a panel gasket and push-fit fixing strap. Retain the packing for future use, should it be necessary to transport the Controller to a different site or to return it to the supplier for repair/testing.

2. Examine the delivered items for damage or deficiencies. If any is found, notify the carrier immediately.

### 2.2 PANEL-MOUNTING THE CONTROLLER

The panel on which the Controller is to be mounted must be rigid and may be up to 6.0mm (0.25 inches) thick. The cut-out required for a single Controller is as shown in Figure 2-1.

Several controllers may be installed in a single cut-out, side-by-side. For  $n$  Controllers mounted side-by-side, the width of the cut-out would be:

$(48n - 4)$  millimetres or  $(3.78n - 0.16)$  inches.

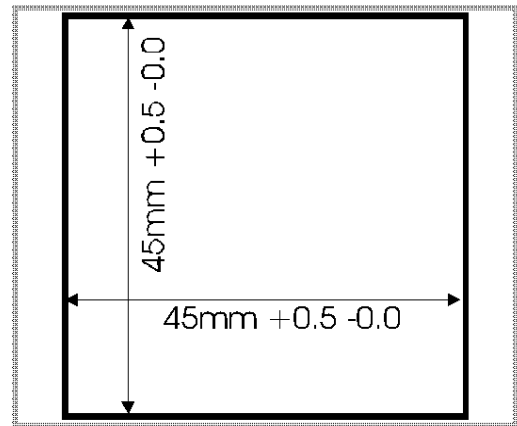


Figure 2-1 Cut-out Dimensions

The Controller Programmer is 110mm deep (measured from the rear face of the front panel). The front panel is 48mm high and 48mm wide. When panel-mounted, the front panel projects 10mm from the mounting panel. The main dimensions of the Controller are shown in Figure 2-2.

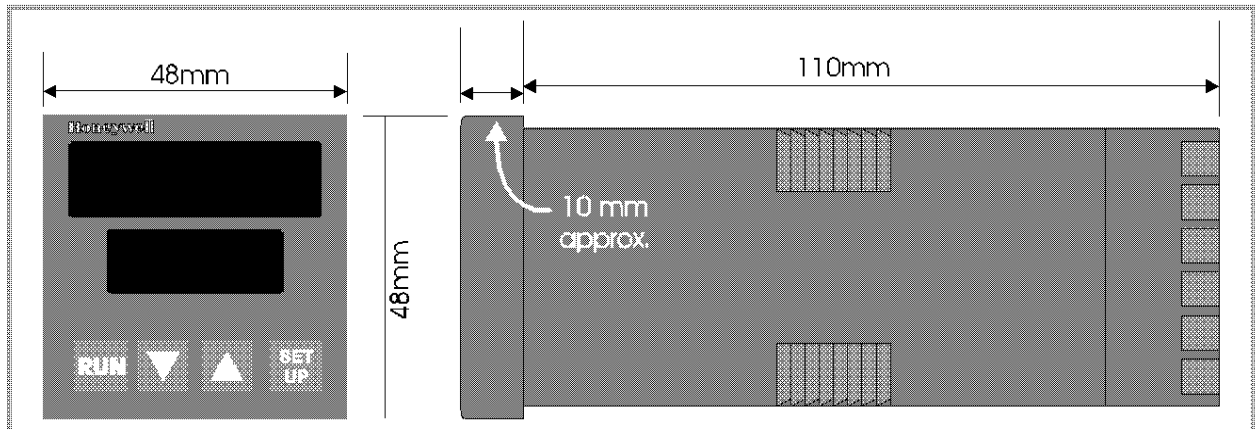


Figure 2-2 Main Dimensions

The procedure to panel-mount the Controller Programmer is shown in Figure 2-3.



**CAUTION:** Do not remove the panel gasket, as this may result in inadequate clamping of the instrument in the panel.

**NOTE:** When installing several Programmer Controllers side-by-side in one cut-out, use the ratchets on the top/bottom faces.

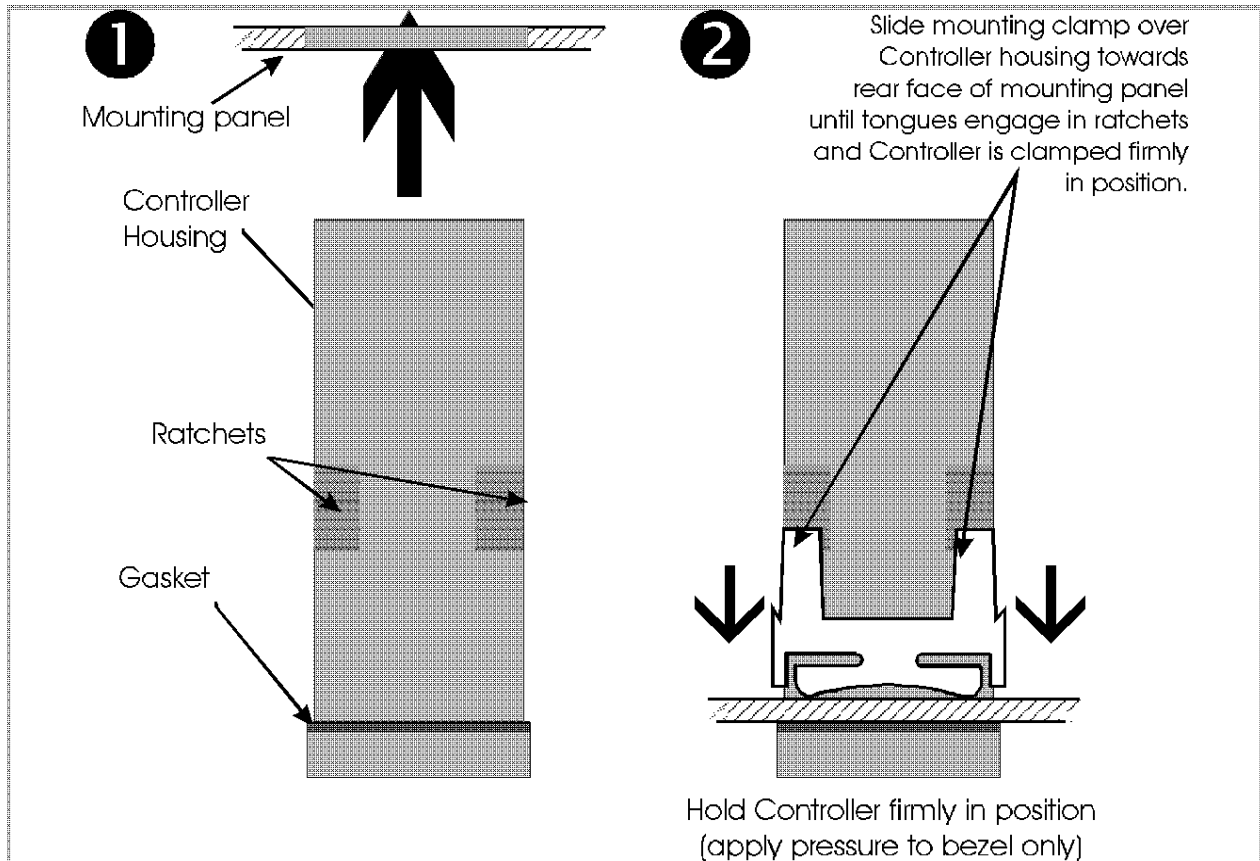
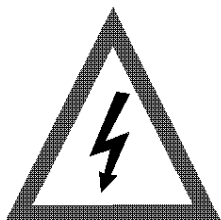


Figure 2-3 Panel-Mounting the Controller Programmer

Once the Controller is installed in its mounting panel, it may be subsequently removed from its housing, if necessary, as described in Subsection 7.1.

## 2.3 CONNECTIONS AND WIRING

The rear terminal connections are illustrated in Figure 2-4.



**WARNING!** This instrument is designed for installation in an enclosure which provides adequate protection against electric shock. All pertinent local regulations should be rigidly observed. Consideration should be given to prevention of access to the rear terminals by unauthorised personnel. **Disregard for these instructions may cause injury or death!**

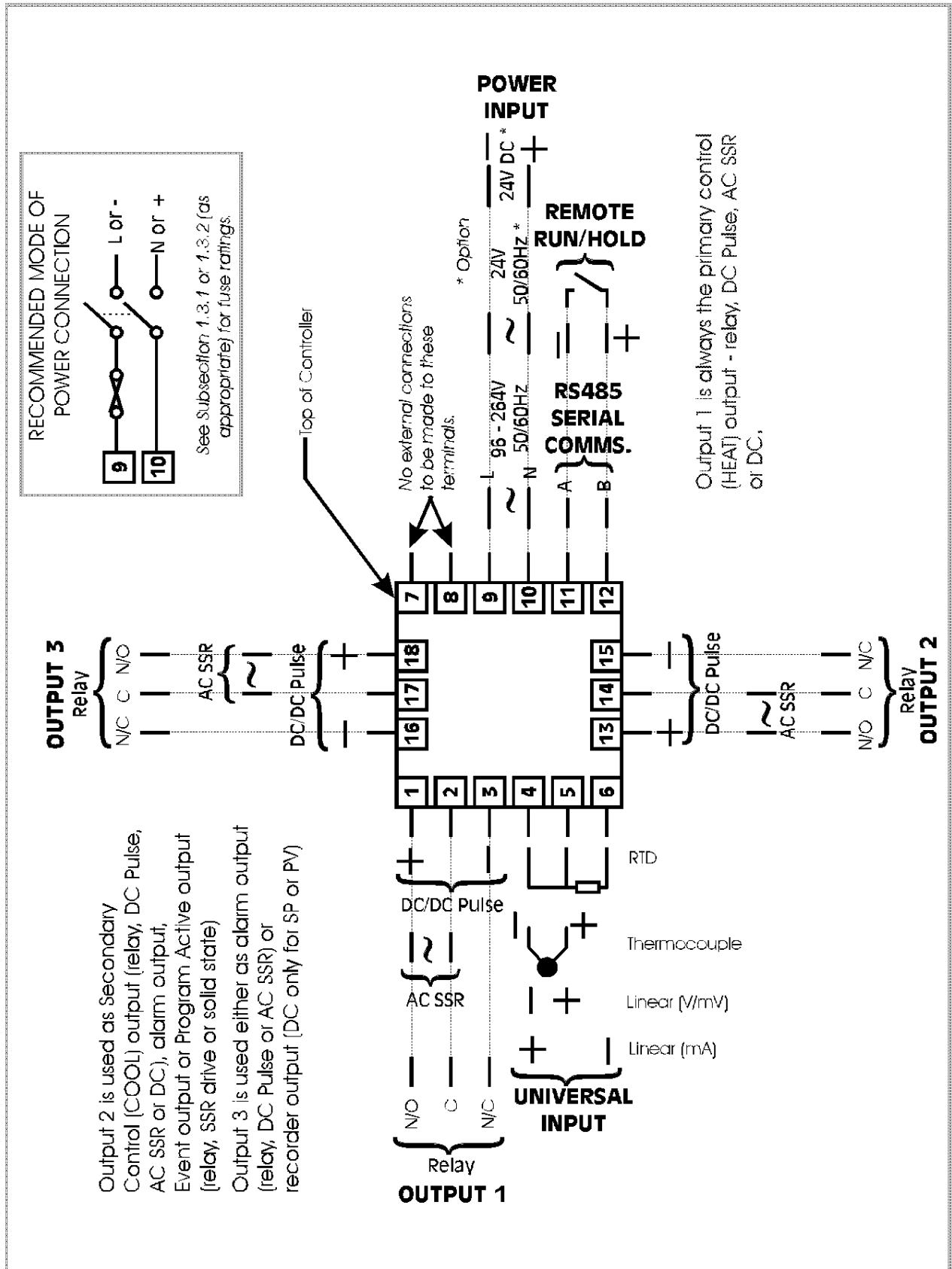


Figure 2-4 Rear Terminal Connections