

Cautions, Warnings, and Regulatory Information

READ AND SAVE THESE INSTRUCTIONS Follow the instructions in this installation manual. These instructions must be followed to avoid damage to this product and associated equipment. Product operation and reliability depend upon proper installation.

DO NOT INSTALL ANY AUTOCALL™ PRODUCT THAT APPEARS DAMAGED Upon unpacking your Autocall 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 Autocall product supplier.

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

STATIC HAZARD Static electricity can damage components. Handle as follows:

- Ground yourself before opening or installing components.
- Prior to installation, keep components wrapped in anti-static material at all times.

Introduction

This publication describes installing and wiring the A006-9803 Expansion Relay Module. This module provides ten programmable relays.

Figure 1 identifies the mounting location for the Expansion Relay Module on the Main System Board (MSB).

Table 1: Power specifications

Voltage	- 24 VDC
Current	10 mA plus 10 mA for each energized relay.

Table 2: Environmental specifications

Location	Intended for indoor installation in typical commercial environment.
Temperature	32 °F to 120 °F (0 °C to 49 °C)
Humidity	10% to 90% Relative Humidity from 32 °F to 100 °F (0 °C to 38 °C)

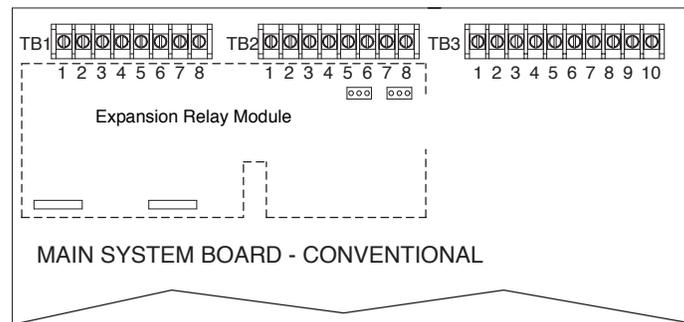


Fig 1: Location of A006-9803 Relay Module



Installing the Expansion Relay Module

Installing the Expansion Relay Module is a four-step process. Refer to the following sections for specific information about performing these steps.

1. Remove the LCD Display/Keypad to gain access to the Expansion Relay Module mounting location.
2. Attach the mounting bar to the Main System Board.
3. Install standoffs to the MSB and secure the Expansion Relay Module to the mounting bar and to the MSB.
4. Re-install the LCD Display/Keypad.

Removing the LCD Display/Keypad

1. The LCD Display/Keypad mounts to the MSB using three T15 Torx screws. Remove these three screws. Refer to Figure 2 for the location of these screws.
2. Disconnect the harness running from the keypad to the MSB at the MSB.
3. Pull the LCD assembly away from the MSB. Pay attention to the header and connector that attach the LCD to the MSB, making sure not to bend the header pins.

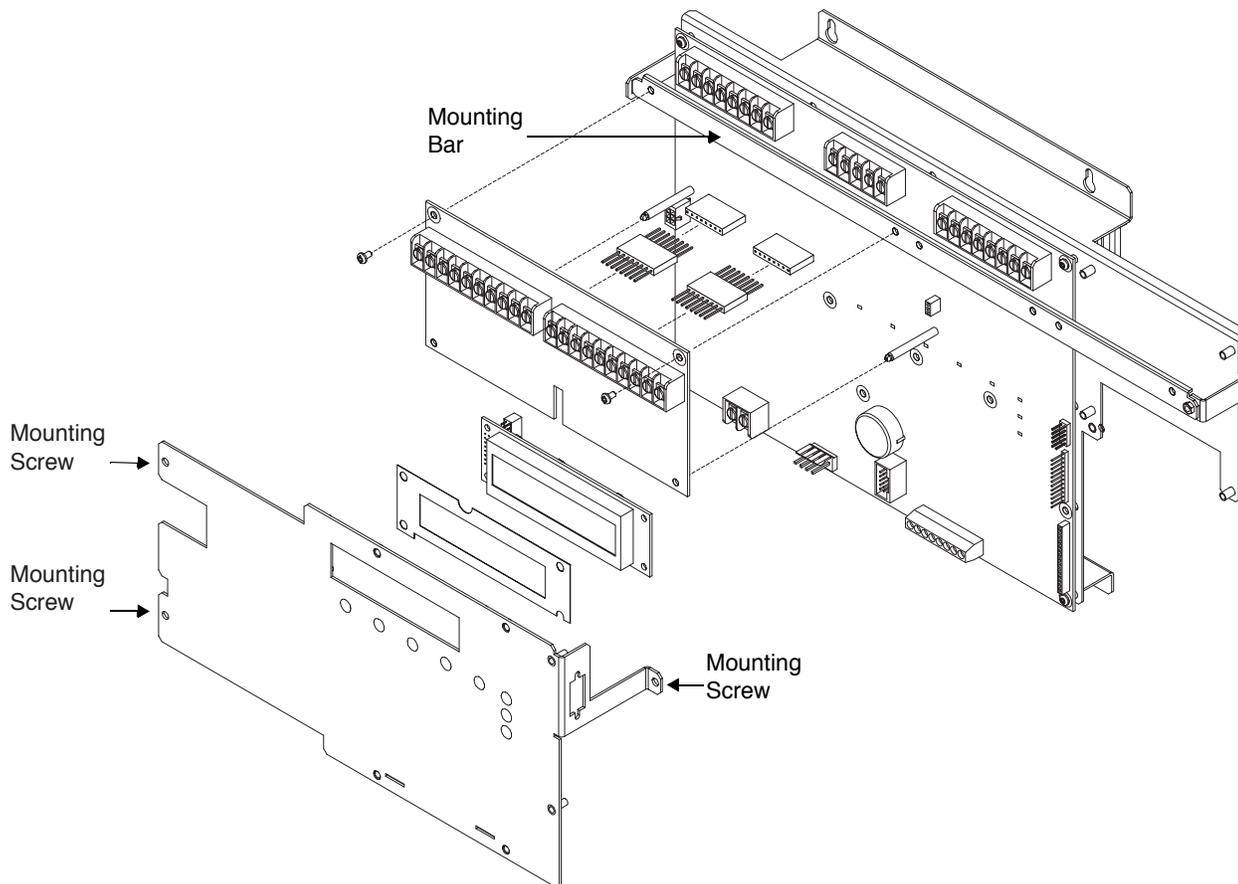


Fig 2: Mounting expansion relay

Attaching Mounting Bar

1. The mounting bar attaches to the metal posts located on each side of the MSB.
2. Slide the end of the mounting bar with the tab into the slot on the left post.
3. Place the end of the bar with the round hole over the threaded portion of the right post. Use the nut included with the stabilizing bar to secure the bar to the right post. See Figure 2.

