

Introduction

This publication shows how to install the 4005-9813 Expansion Power Supply (Part No. 565-481) and the 4005-9807 Power Distribution Board (Part No. 566-252) into the 4005 Fire Alarm. Refer to the label on the inside of the 4005 panel door for the location of each board.

Expansion Power Supply (See Figure 1)

The 4005 Expansion Power Supply provides up to 5 Amps of regulated alarm power and mounts in the left side of the 4005 back box. This supply is intended for use with the main 4005 Power Supply (Part No. 565-479) and is not intended as a standalone power supply.

Setup

Jumper Settings

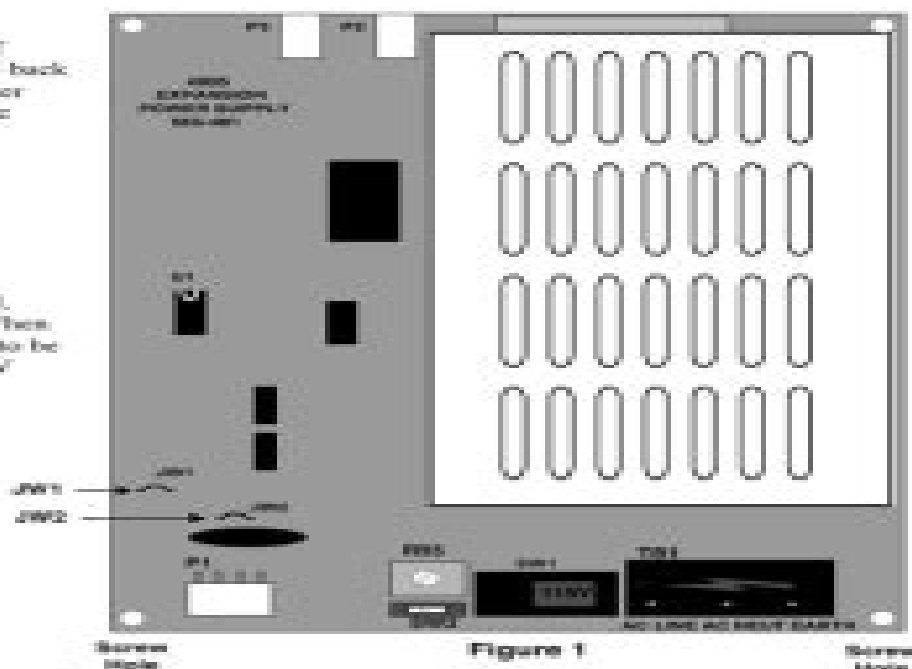
JW1 - Low Battery Cutout

With this jumper installed, the Low Battery Cutout is enabled. When the jumper is removed (cut), the feature is disabled. When enabled, the Low Battery Cutout causes the signal power to be turned off (tripped) when the battery voltage drops below 18V (while the system is running on batteries).

JW2 - Power Module Supervisors Input (PMSI)

With this jumper installed, the PMSI is ignored by the system and a trouble cannot be initiated on the PMSI line. When the jumper is removed (cut), the PMSI feature is enabled. When enabled, an open circuit on this input will cause a trouble; the input must be pulled low (24C or 0V) to clear the trouble.

Note: All general trouble conditions are reported to the main power supply. The main power supply then communicates the information to the CPU.



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