

SA-H156

Power Controller Installation Guide

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1. General Description

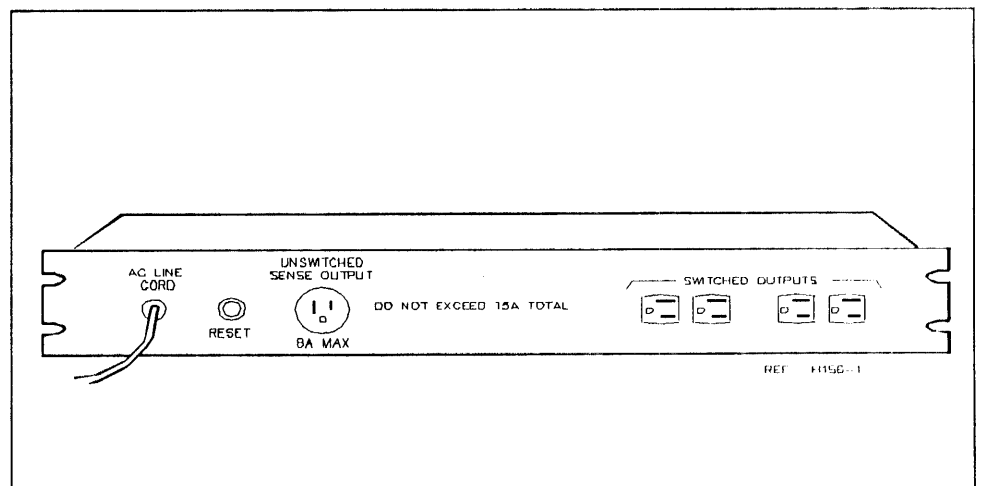
The SA-H156 power controller provides a 15 amp branch circuit for a system chassis and four peripheral devices. The ON/OFF status of the system chassis controls AC power to peripheral equipment.

In most applications, the system chassis is plugged into the unswitched sense output and peripheral equipment, such as terminals, printers, and expansion units are plugged into the switched outputs.

The controller senses the current from the unswitched sense output; if there is a current flow, the controller switches the other outputs on. When the device connected to the unswitched sense output is turned off, the controller senses the current loss and turns the other outputs off.¹

Figure 1 shows the SA-H156 example configuration.

**Figure 1:
SA-H156 Example
Configuration**



1 REF: \WORK\H156.WS

1.1 Features

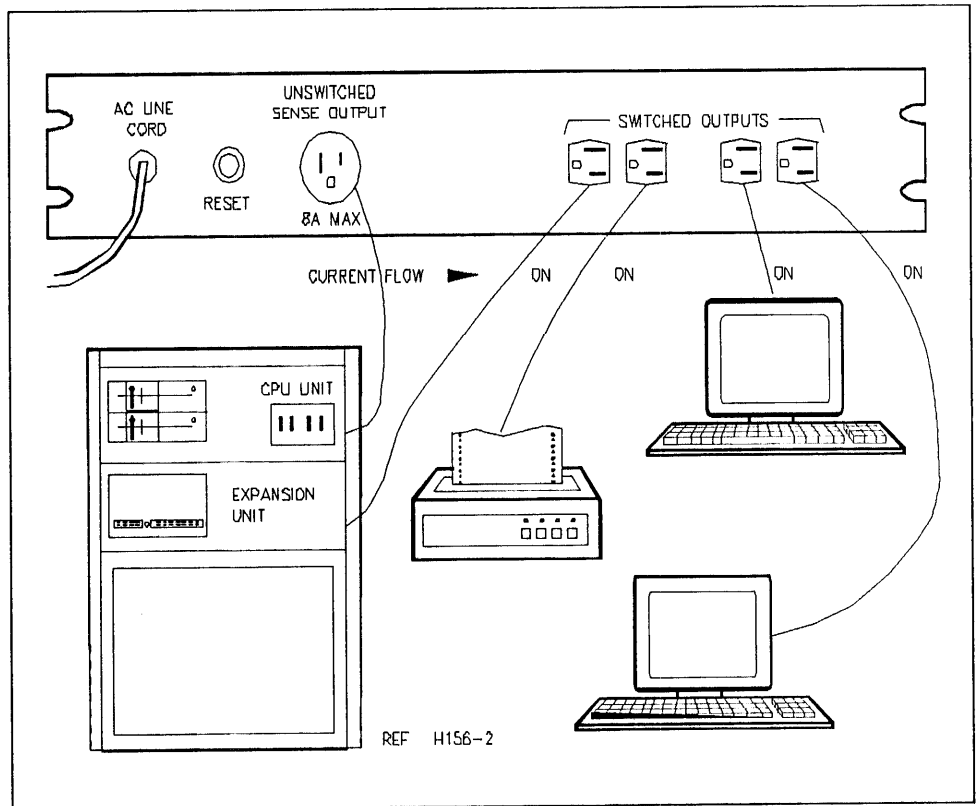
- Permits system unit to control AC power to peripheral equipment.
- Includes 15 amp circuit breaker for power protection.
- Current sensing circuit eliminates need for AC power switch wiring.
- Installs in standard 19" RETMA rack.
- Includes 7 foot power cord for convenient connection to power source.
- Available in 115VAC (P/N 501036-100) or 230VAC (P/N 501036-200) versions.

2. Installation

Use Figure 2 and the following procedure to install the SA-H156 power controller into a standard 19" RETMA rack and to connect devices to the power controller.

1. Mark the intended positions of the mounting holes on the rear of the chassis.
2. Bolt the power controller in the rack using four #10-32 x 1/2" screws. Use flat washers with locking washers next to the hex nut.
3. Plug the line cord from the power controller into an AC outlet.
4. Plug the device that controls the on/off status of the system (usually the host computer) into the unswitched sense output.
5. Plug peripheral devices such as printers and terminals into the switched outputs. Turn AC power on at each peripheral device.
6. Power ON/OFF status on the device plugged into the unswitched sense output automatically controls the ON/OFF status at the switched outputs.

**Figure 2:
Controller
Installation**



3. Specifications

Dimensions:	19" wide x 3" high x 3" deep
Power Protection:	15 amp circuit breaker
AC Input Power:	88VAC-128VAC or 176VAC-256VAC 47-63Hz
AC Outputs:	Unswitched sense output 8 amps MAX Four switched outputs All outputs not to exceed 15 amps MAX