

Liebert Controllers

Automatic Switching And Control Of Multiple Environmental Units Or Devices

Liebert AC4 and AC8 Controllers monitor running and stand-by devices for proper operation. When an alarm is detected, the controller switches to a redundant device, ensuring the proper control and business continuity for sensitive electronic equipment. The controllers will also balance the runtime of your devices for even wear and long system life.

Controller operation is easily tailored to your site needs, with selectable device status, cycling intervals, and alarm delays. Communications are also configured to your needs, with Liebert SiteScan® Web compatibility and modem interface for Liebert AC8.

Key Features

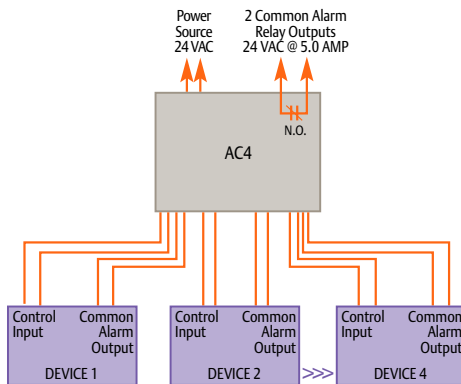
- **Centralized control** — Controller modules provide automatic centralized control of computer room critical equipment, simplifying emergency switching and unit testing.
- **Emergency switching** — When the module recognizes an alarm condition, it will automatically switch to a stand-by device. You can also program a switching delay to allow time to correct emergency conditions.
- **Runtime averaging** — For longer environmental system life, the modules can balance the runtime of all connected air units.
- **User-friendly programming** — Controllers use clear, simplified instructions for programming and configuration, eliminating the chances of operator error.
- **Communications interface** — Liebert AC8 can communicate with Liebert SiteScan Web centralized site monitoring system, a terminal or modem for complete site organization. Liebert AC4 and AC8 have a local LCD interface and a terminal interface.



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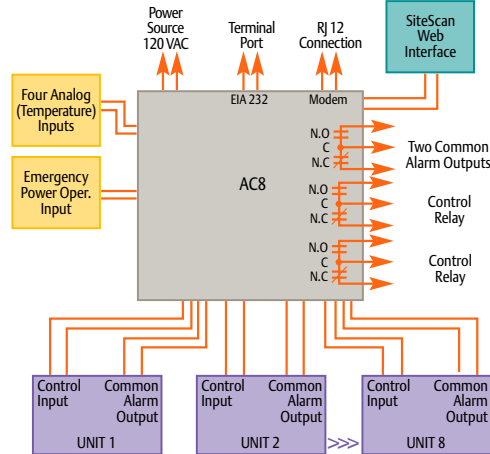
AC4 Configuration

Controls 1 to 4 devices



AC8 Configuration

Controls 1 to 8 devices



System Configurations:

- **Liebert AC4** – Two to four device controller. Powered by 24 VAC. Optional 115 to 24 VAC and 230 to 24 VAC transformers.
- **Liebert AC8** – Two to eight device controller with modem, control relays and SiteScan interface. Powered by 120 VAC or 230 VAC.

Standard Features – Both Systems:

- Common alarm inputs and control outputs for device control including Liebert environmental units
- LCD readout
- Adjustable auto-cycle interval for automatic changeover (up to 99 days)
- Adjustable alarm delay before control after alarm (up to 99 minutes)
- Device in alarm can be selected to disable (shutdown) or remain enabled (continue running) after changeover
- Real-time clock
- Nonvolatile memory for storage of setup information
- Removable screw terminal blocks for easy installation
- Custom configurations for specific applications
- Alarm, event and trend logs with time and date stamp
- Backup and download configuration files
- On-board audible alarm
- Status LCDs for verification and diagnostics
- Keypad display is a user interface mounted on the enclosure door providing complete monitoring and configuration of the panel
- Keypad display provides the ability for the Controller to operate as a complete standalone panel
- Manual override switch enables all units
- Two Form C relay contact for common alarm outputs rated for 24VAC at 3A
- Manual override for individual devices
- Automatic standby device testing
- LCD unit labels
- Inputs and Outputs configured as normally open or normally closed
- Fail-safe position of the output point when power fails (ex. Unit runs on power failure)

Standard Features – AC8:

- High and low analog (Temperature) alarms
- Analog controlled staging of devices (Temperature staging of units)
- Power failure override
- Two Form C control relays activated by any digital or analog input
- SiteScan Web centralized site monitoring system output
- Paging capability - up to four pager numbers
- Preconfigured on-board modem
- Battery backup to ensure alarm notification
- User interface via RS232 or modem connection

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