

LIEBERT® CONTROLLERS

Automatic Switching And Control Of Multiple Environmental Units Or Devices



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.

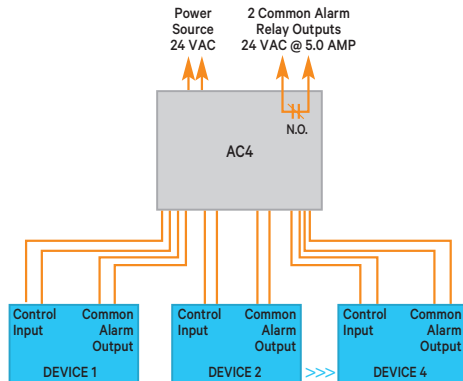
Liebert® AC4 and AC8 Controllers monitor running and stand-by devices for proper operation. When an alarm is detected, the controller switches to a redundant device, ensuring the proper control and business continuity for sensitive electronic equipment. The controllers will also balance the runtime of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



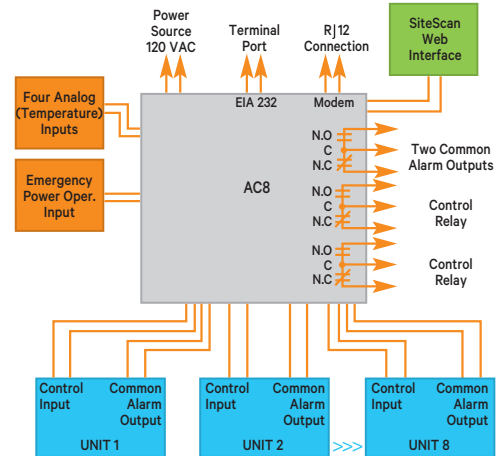
AC4 Configuration

CONTROLS 1 TO 4 DEVICES



AC8 Configuration

CONTROLS 1 TO 8 DEVICES



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 actuated 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

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.