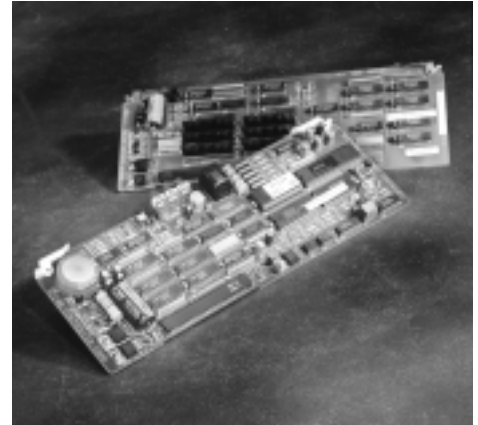




Control Cards for CC Panels

- ◆ Distributed intelligence
- ◆ Built-in programmable lighting control scenarios
- ◆ Automatic controlled direct relay switching
- ◆ RS232 and dataline communication ports with change-of-state annunciation
- ◆ Memory backup for power interruptions
- ◆ Runtime and status information for all relays
- ◆ Plug-in modular configuration
- ◆ Programmable switch inputs
- ◆ UL listed, one year warranty



Component Information

Controller Card Operation & Features

The Watt Stopper's Controller card and Input/Output cards are for use in Complete Control (CC) lighting control panel systems. They operate a single CC panel that contains up to 48 relays and 14 programmable switches.

The Controller card (HCPU48CC) provides the essential intelligence for each CC panel, with operating scenarios and logic functions. Programmed via the software package WinControl, the card contains all of the functionality necessary to control lighting down to the individual relay level. Required for each panel, the Controller card enables distributed processing. This means that the panel can continue to function as programmed even in the event that dataline communications with other system panels are interrupted. The Controller Card supports communications over its RS-232 port and connected dataline. In addition to its control functions, the Controller card stores all relay runtime and status information. To prevent loss of operating data from power interruptions, it features built-in memory and clock backup capabilities.

I/O Card Operation & Features

The Complete Control I/O cards (HIOC12CC) are required to provide automatic control and monitoring capability for CC panel relays. Each I/O card enables the automatic operation and monitoring of up to 12 relays in a Complete Control panel. Each I/O card also enables the operation of three programmable system switches in a CC panel. The number of I/O cards that a single panel can hold corresponds to the panel size. A 12 relay panel holds just one I/O card, a 24 relay panel holds two, and a 48 relay panel holds four I/O cards. These cards easily plug in to the corresponding panel interior for simple installation.

With the I/O cards installed, the CC system constantly monitors the status of the relays to detect changes in the relays' ON/OFF state. Any change in a relay is reported to the Complete Control system so that occupant sensitive lighting control scenarios may be implemented without compromising the reliability of direct switch to relay control.

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CC Control Cards Technical Information

Specifications

Controller Card

- ◆ Intelligence card with built-in control logic, system clock, programmed control scenarios, and communication functions
- ◆ One card per panel for distributed processing capability
- ◆ RS232 and dataline communication ports with change-of-state annunciation
- ◆ Memory backup for power interruptions
- ◆ Plug-in modular configuration
- ◆ Runtime and status information for all relays
- ◆ UL listed, one year warranty

Input/Output Card

- ◆ Automatic controlled direct relay enabled
- ◆ Three programmable switch inputs enabled per card
- ◆ Plug-in modular configuration
- ◆ One card required per 12 relays per panel
- ◆ Monitors relay status
- ◆ UL listed, one year warranty

Ordering Information

Catalog No. Description

HCPU48CC	Controller Card programmable intelligence card (one required per CC panel)
HIOC12CC	Input/output (I/O) card (one required for every 12 relays)

Installation

