

SIEMENS LCP3000EZ Lighting Controls

FEATURES AND BENEFITS

Functionality

- No central processing unit to hold system program is required. Each device holds its own program in non-volatile memory.
- Optional 4 or 16-channel time clock can be programmed locally, or downloaded by memory card programmed on a PC.
- Relays have built-in timing circuits designed to provide time delays, without the need of a time clock.
- No additional hardware or software is required to network up to 10 panels.
- Relays have built-in position indication, which can also be used to provide local manual override.
- System can be configured to accept remote manual override using an automatic signal, a manual switch or pushbutton.
- Optional motion sensors can be attached directly to the system without taking up an input.
- Optional light level sensors come preprogrammed with set points at 20FC, 70FC and 100FC, and can be attached directly to the system without taking up an input.
- Panels come as surface mount, with an optional flush mount kit available.
- Optional web access control available, to connect panel to an intranet, or the internet with a dedicated IP address.
- Optional touch panel can be configured for master override and remote operation.
- System can communicate with most building automation systems via Microsoft OPC protocol, with optional web access and appropriate software.
- All ON and all OFF commands are easily set. A single wall switch can turn ON or OFF all the lights in the building.

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Flexibility

- 3 sizes of standard panels: 16-relay, 32-relay and 48-relay maximum.
- Output relays come in blocks of 8, and can simultaneously accept multiple voltages within the same block.
- Output relays rated for maximum of 20A at 277VAC.
- System designed to operate in ambient environment of -5C to 45C (23F to 113F).
- Relays are hp rated
- Input modules can be configured to accept momentary (pushbutton) or maintained (switch) inputs.
- Modular design allows the lighting control system to grow with your ever-changing needs.

Usability

- System is easy to configure via RS-232 port, from PDA running PALM OS3.5 or higher, or from a laptop running a PALM emulator (Configuration software and PALM Emulator are provided free of charge with every order).
- Optional time-clock is password protected to prevent tampering with schedules.
- Relays are mechanically held and can be manually operated.

Reliability

- System carries full 2-year warranty.
- World-wide usage has proved 99.92% reliable based on over 1,000,000 units/10 years of operation under load.
- Optional time-clock has 10-year guaranteed battery backup.
- Programming is stored in non volatile memory; no battery back is needed.