

LCP3000EZ
Lighting Control System
Data Sheet



product
GUIDE



SIEMENS

Global network of innovation

LCP3000EZ Lighting Control System



System Features

Each individual device holds its own operating program in non-volatile memory; there is no central or master controller. This feature prevents entire system shut down, which could happen on systems with a logic board.

The LCP3000EZ is delivered fully assembled with all specified relays, digital inputs, power supply and RS232 interface installed in the enclosure. Wall mount the enclosure, connect the 120V AC power supply, connect the loads to the relays and connect the inputs. Then with a PDA (running Palm OS 3.5 or higher,) configure which inputs control which outputs and the system is ready to go. If your system has more than one panel, the connection between panels is as easy as running an 18AWG twisted pair from one panel to the next.



The SIEMENS LCP3000EZ lighting control system comes with an abundance of standard operating features and the intelligence to meet virtually any lighting control application. Each panel is equipped with an RS232 interface for easy configuration of inputs and outputs; any panel in the network can be configured from any other panel in the same network. Other options include Ethernet interface, PC software, two different time clocks (4 and 16 channels), motion sensors, dual sensors for light and temperature, etc. These options enable you to have a lighting control system that can meet even the most demanding applications.

The following options are offered with the LCP3000EZ:

- 4 or 16 channel time clocks
- Touch panel control
- Master touch panel for systems with more than one panel
- Outdoor light level and temperature dual sensor
- Motion sensors
- Key switch
- Web access operation (Ethernet Interface)
- Flush mounting kit

NETWORKING

Up to 10 panels can be networked together without the need for any additional cards or devices. With the optional Web access devices; the user can network up to 500 panels. The LCP3000EZ interfaces with any BAS using OPC.

Web access software:

With optional Web access software the user can access any device in the LCP3000EZ system. This allows control of any relay from a PC. Password protection allows partial control to individual users (i.e. turn ON or OFF the office lights from his/her PC).

Enclosure

NEMA 1, UL listed enclosure with hinged door and hinged deadfronts. There are two deadfronts, one for the low voltage (24V) section and one for the line voltage load relays. There is also a barrier between the two sections.

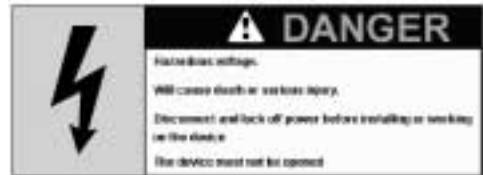


System Specifications

- NEMA 1, surface mount, optional key lock and flush mount kit
- Enclosures are always 20" wide and 5 3/4" deep; height depends on number of outputs:
 - 24" high for up to 16 outputs
 - 32" high for up to 32 outputs
 - 40" high for up to 48 outputs
- Load relays:
 - Are mechanically held
 - Have visual position indicator
 - Have manual override
 - Built in timer which can be set in 30 minutes intervals up to 3 hours
 - Eight relays per module
 - Can be programmed as groups to control two or three pole loads
 - Are rated 20 Amp, 277 Volt (480V "Y" with ground three phase loads)
- All panel sizes accept a maximum of 32 digital (switch) inputs:
 - Rated 24V AC/DC
 - Can be configured to accept maintained, or momentary inputs
 - Four inputs per module
- 4 channel time clock allows 64 schedules
- 16 channel time clock allows 512 schedules
- Both time clocks have 10 years battery back up
- Automatic day light savings time adjustment
- TOD schedules
- Warn Off, 1 minute to 360 minutes
- RS-232 interface in every panel
- Network up to 10 panels with simple twisted pair, no additional cards are needed
- Network up to 500 panels with optional Web access devices
- Ambient Conditions:
 - Ambient operating temperature: 23°F... 113°F (-5... +45°C)
 - Ambient temperature (non-op): -13°F... 158°F (-25... +70°C)
 - Relative humidity (non-condensing): 5% to 93%



Warranty
 SIEMENS LCP3000EZ hardware and software come with a full 2 year warranty from date of factory invoice.



LCP3000EZ Catalog Numbering System

Catalog No.
 5WG1 70 -8X

Number of Rails

- 3 (24" high)
- 4 (32" high)
- 5 (40" high)

Panel Designation

- A
- B
- C
- D
- E
- F
- G
- H
- J
- K

Number of Input Modules

- 2
- 4
- 6
- 8

Number of Output Modules

- 1
- 2
- 3
- 4
- 5
- 6



LCP3000EZ Catalog Numbering (Accessories)

5WG1 703-8XX00	Flush mount kit for 20" X 24" box with 3 7.5 mm deep DIN Rails
5WG1 704-8XX00	Flush mount kit for 20" X 32" box with 4 7.5 mm deep DIN Rails
5WG1 705-8XX00	Flush mount kit for 20" X 40" box with 5 7.5 mm deep DIN Rails
5WG1 700-8XX00	Key lock kit for all panels
5WG1 372-5EY01-Z-A201	4 channel time clock
5WG1 373-5EY01-Z-A202	16 channel time clock
5WG1 255-2AB11	Motion sensor
5WG1 114-2AB02-Z-A221	Wall mounted bus coupler for motion sensor(s), Panel A
5WG1 114-2AB02-Z-A231	Wall mounted bus coupler for motion sensor(s), Panel A
5WG1 114-2AB02-Z-B222	Wall mounted bus coupler for motion sensor(s), Panel B
5WG1 114-2AB02-Z-B232	Wall mounted bus coupler for motion sensor(s), Panel B
5WG1 114-2AB02-Z-C223	Wall mounted bus coupler for motion sensor(s), Panel C
5WG1 114-2AB02-Z-C233	Wall mounted bus coupler for motion sensor(s), Panel C
5WG1 114-2AB02-Z-D224	Wall mounted bus coupler for motion sensor(s), Panel D
5WG1 114-2AB02-Z-D234	Wall mounted bus coupler for motion sensor(s), Panel D
5WG1 114-2AB02-Z-E225	Wall mounted bus coupler for motion sensor(s), Panel E
5WG1 114-2AB02-Z-E235	Wall mounted bus coupler for motion sensor(s), Panel E
5WG1 114-2AB02-Z-F226	Wall mounted bus coupler for motion sensor(s), Panel F
5WG1 114-2AB02-Z-F236	Wall mounted bus coupler for motion sensor(s), Panel F
5WG1 114-2AB02-Z-G227	Wall mounted bus coupler for motion sensor(s), Panel G
5WG1 114-2AB02-Z-G237	Wall mounted bus coupler for motion sensor(s), Panel G
5WG1 114-2AB02-Z-H228	Wall mounted bus coupler for motion sensor(s), Panel H
5WG1 114-2AB02-Z-H238	Wall mounted bus coupler for motion sensor(s), Panel H
5WG1 114-2AB02-Z-J229	Wall mounted bus coupler for motion sensor(s), Panel J
5WG1 114-2AB02-Z-J239	Wall mounted bus coupler for motion sensor(s), Panel J
5WG1 114-2AB02-Z-K230	Wall mounted bus coupler for motion sensor(s), Panel K
5WG1 114-2AB02-Z-K240	Wall mounted bus coupler for motion sensor(s), Panel K
5WG1 588-2CB11-Z-A210	Master Touch Panel
5WG1 588-2CB11-Z-A211	Panel A, Touch Panel
5WG1 588-2CB11-Z-B212	Panel B, Touch Panel
5WG1 588-2CB11-Z-C213	Panel C, Touch Panel
5WG1 588-2CB11-Z-D214	Panel D, Touch Panel
5WG1 588-2CB11-Z-E215	Panel E, Touch Panel
5WG1 588-2CB11-Z-F216	Panel F, Touch Panel
5WG1 588-2CB11-Z-G217	Panel G, Touch Panel
5WG1 588-2CB11-Z-H218	Panel H, Touch Panel
5WG1 588-2CB11-Z-J219	Panel J, Touch Panel
5WG1 588-2CB11-Z-K220	Panel K, Touch Panel
5WG1 254-3EY01-Z-A203	Outdoor ambient light level sensor
5WG1 220-2CB02-Z-A204	Key switch
5WG1 146-3AB01-Z-A251	Web access operation and control



5WG1 373-5EY01-Z-A202
16 channel time clock



5WG1 254-3EY01-Z-A203
Outdoor ambient light level sensor



5WG1 146-3AB01-Z-A251
Web access operation and control

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