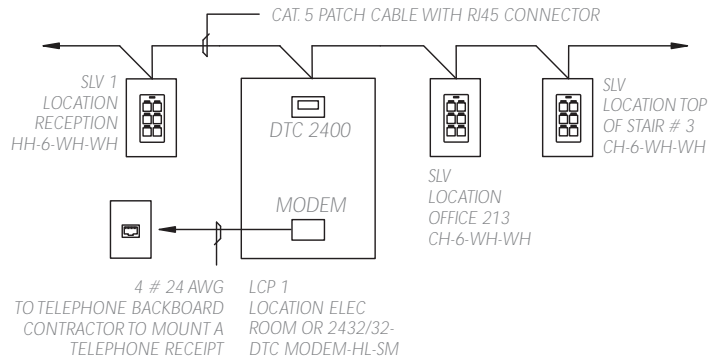






## Low Voltage - Single Line Drawing



## Templates/Schedules

ID 1  
Part #: CH-6-WH-WH

Button	Name	Function	Zones Controlled	Color	Line 1	Line 2
1	BUTTON 1	Dn Mode	LCP I21	White	ZONE 1	OVERRIDE
2	BUTTON 2	Dn Mode	LCP I22	White	ZONE 2	OVERRIDE
3	BUTTON 3	Dn Mode	LCP I23	White	ZONE 3	OVERRIDE
4	BUTTON 4	Dn Mode	LCP I24	White	ZONE 4	OVERRIDE
5	BUTTON 5	Dn Mode	LCP I25	White	ZONE 5	OVERRIDE
6	BUTTON 6	Dn Mode	LCP I26	White	ZONE 6	OVERRIDE

ID LCP 1  
Location Elec Room  
Supply Circuits Voltage: 120V Normal

Relay	Line Feed	Zone	Type	Voltage	Source	Description	Relay	Line Feed	Zone	Type	Voltage	Source	Description
1	HA-1	Z1	NC	120V	Normal	Lobby Down Lts	2	HA-2	Z2	NC	120V	Normal	Mens Room
3	HA-3	Z1	NC	120V	Normal	Lobby Track	4	HA-4	Z2	NC	120V	Normal	Womens Room
5	HA-5	Z1	NC	120V	Normal	Reception	6	HA-6	Z2	NC	120V	Normal	Kitchen
7	HA-7	Z1	NC	120V	Normal	Hallway	8	HA-8	Z2	NC	120V	Normal	Hallway
9	HA-9	Z1	NC	120V	Normal	Entry / Stairs	10	HA-10	Z4	NC	120V	Normal	Strip Lights
11	HA-11	Z3	NC	120V	Normal	Meeting Rm	12	HA-12	Z4	NC	120V	Normal	Strip Lights
13	HA-13	Z3	NC	120V	Normal	Offices	14	HA-14	Z4	NC	120V	Normal	Strip Lights
15	HA-15	Z3	NC	120V	Normal	Offices	16	HA-16	Z4	NC	120V	Normal	Strip Lights
17	HA-17	Z3	NC	120V	Normal	Hallway	18	HA-18	Z6	NC	120V	Normal	Track Lights
19	HA-19	Z5	NC	120V	Normal	Strip Lights	20	HA-20	Z6	NC	120V	Normal	Strip Lights
21	HA-21	Z5	NC	120V	Normal	Strip Lights	22	HA-22	Z6	NC	120V	Normal	Task Lights
23	HA-23	Z5	NC	120V	Normal	Strip Lights	24	HA-24	Z6	NC	120V	Normal	Ivens
25	HA-25	Z5	NC	120V	Normal	Strip Lights	26	-34	N/A	NC	120V	Normal	Spare
27	-	N/A	NC	120V	Normal	Spare	28	-	N/A	NC	120V	Normal	Spare
29	-	N/A	NC	120V	Normal	Spare	30	-	N/A	NC	120V	Normal	Spare
31	-	N/A	NC	120V	Normal	Spare	32	-	N/A	NC	120V	Normal	Spare

Part #: GR 2432/32-DTC MODEM-HL-SM  
Enclosure Dimensions: 25.5" H x 20" W x 6" D  
NEMA Rating: 1

Zone	Zone Name	Zone	Zone Name
Z1	Zone 1	Z2	Zone 2
Z3	Zone 3	Z4	Zone 4
Z5	Zone 5	Z6	Zone 6
Z7	Not Used	Z8	Not Used

### Basic System

This single line drawing shows the building on the previous page. Three switches with six buttons each (one zone per button), and a relay panel.

Up to 128 relay panels or switches are may be linked together with Cat. 5 patch cable with RJ45 connectors.

Only one panel is required with a clock and modem. Additional panels would be "remote" panels (no clock or modem).

LC&D Unity™ Lighting Control Software allows system wide access locally (at the DTC clock), and remotely (serial or dial-up connection).

### Templates/Schedules

The switch schedule and panel schedules to the right were generated using Unity™ Lighting Control Software available at our website at no cost.

Switch schedule shows each button and what relays or zones are controlled (in this case they may only turn lights on and not off).

The panel schedule shows information for each relay:

- Relay line feed
- Relay voltage
- What zone (if any) the relay is in
- relay load description

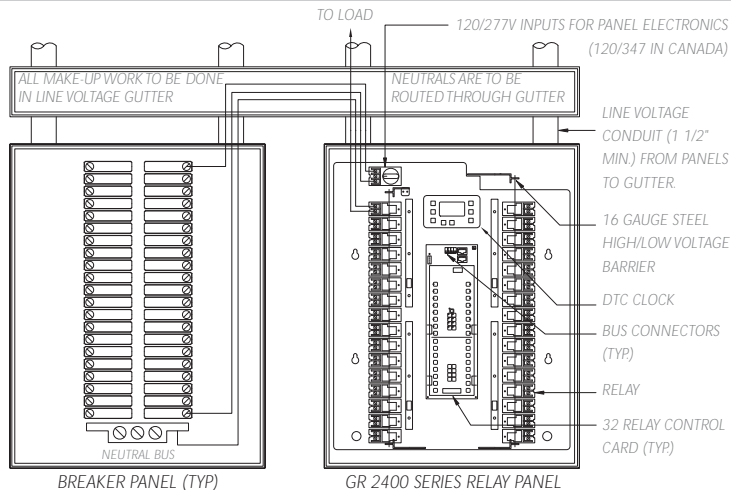
The bottom right shows the zone names (if any) for that relay panel. The bottom left shows enclosure information and the part number.

### Technical Support

LC&D recommends the following products for a basic commercial system:

- GR 2400™ relay panel
- The Blue Box™ relay panel
- Chelsea digital switch
- Outdoor photocell

## Panel Installation



# CUSTOMER SATISFACTION

**C**ustomer satisfaction is our #1 concern. It is a privilege to be considered for your project, and we prove it by offering support for every one of our customers that no competitor will ever match.

Each LC&D lighting control system comes with free dial-up programming for the life of the system. This is especially valuable to store owners who are often too busy to dial into stores and do their own schedule changes.

Our Technical Support department is just a phone call away to change seasonal schedules, adjust temperature settings, run diagnostics and more – all free of cost. LC&D systems are remotely accessed by our expert technicians using UNITY software to dial into outlets, and require no in-store programming.

We are always on stand-by to assist with all your needs. Our Engineering Assistance Department is available to assist the design process with general advice, best practice methods for code compliance, and/or complete CAD drawings.

We'll even do a free energy analysis of your existing lighting control system to help you determine whether or not you are getting maximum benefits.

Lighting Control & Design offers 24/7/365 support. Call us at 800-345-4448 to get the answers to your questions today.

## LIGHTING CONTROL & DESIGN

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