

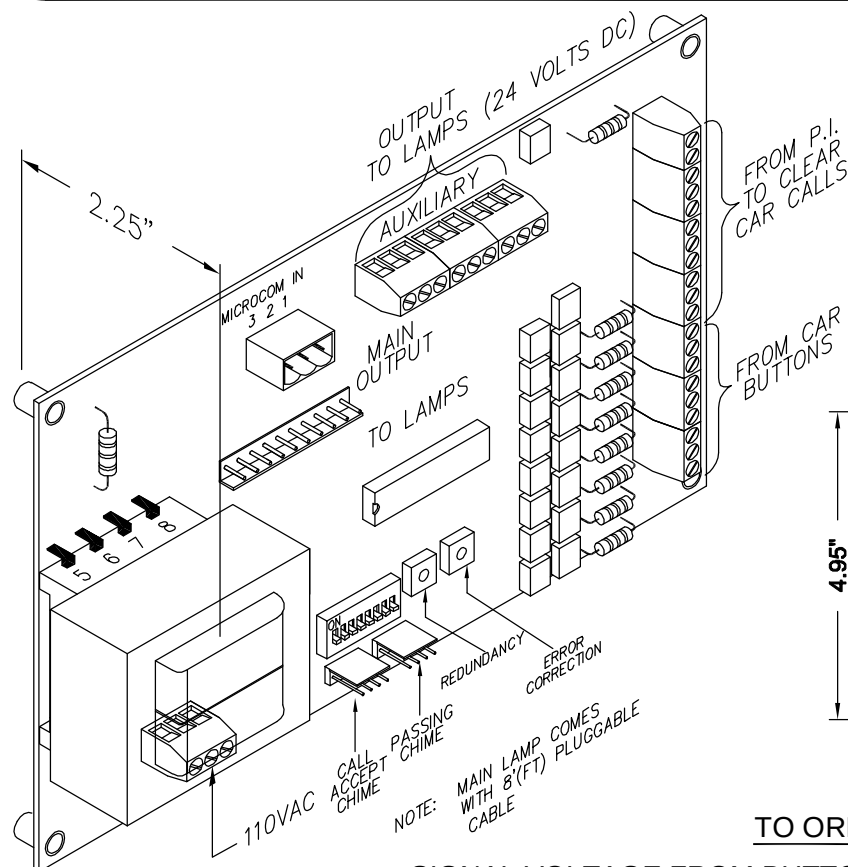


C.E. Electronics, Inc.
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PH (419) 636-6705 FX (419) 636-2516
www.ccelectronics.com

COPLD1-XXXXXX

Ver. 2 Rel. 04/07/09

ACCESSORIES

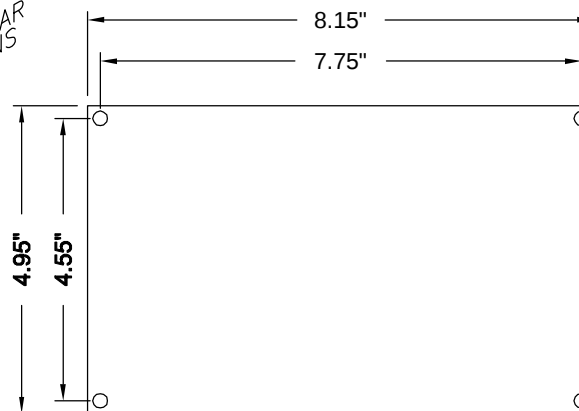


C.O.P. LAMP DRIVER

The C.O.P. Lamp driver was designed to illuminate the pushbutton lamps, requiring no extra wiring from the machine room. This unit is offered with a choice of options to include passing chime output and/or call accept chime.

Features

- Easy installation
- Includes 8ft. cable
- Fire key clears all lamps
- Micro processor controlled
- P.I. cancels individual lamp
- Micro Comm input for lamp cancellation
- Conforms to ADA AG 4.10.12(2)
- 8 inputs / 8 outputs main and auxiliary



TO ORDER - SPECIFY COPLD1- X X X X X X

SIGNAL VOLTAGE FROM BUTTON (A-G)

SIGNAL VOLTAGE FROM P.I. (A-G, M)

SIGNAL VOLTAGE FROM FIRE KEY (ALL CLEAR) (A-G, X)

"A" = POSITIVE 6-20VAC/DC, 24 VAC

"B" = POSITIVE 24-48VDC, 48VAC

"C" = POSITIVE 120VAC

"D" = POSITIVE 125VDC

"E" = NEGATIVE 6-20VDC

"F" = NEGATIVE 24-48VDC

"G" = NEGATIVE 125VDC

"M" = MICRO COMM

"X" = NO SELECTION

(Position Indicator)

SIGNAL FORMAT:

"1" = SINGLE LINE / FLOOR

"2" = BINARY

"3" = UNITS & TENS

"4" = GRAY CODE

"5" = INVERTED BINARY

"6" = SPECIAL

"M" = MICRO COMM

OUTPUT VOLTAGE

"1" = 6VDC

"2" = 24VDC

"3" = 28VDC

"4" = 30VDC

CHIME OUTPUT:

"A" = PASSING CHIME

"B" = CALL ACCEPT CHIME

"C" = BOTH PASSING & CALL ACCEPT CHIMES

"X" = NO PASSING OR CALL ACCEPT CHIMES

NOTE:
MUST USE
6, 24, 28, 30VDC
LAMPS/LEDS
72ma MAX

COPLD1

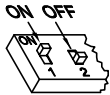
DIRECT INPUT CONNECTION DIAGRAM

JOB# _____

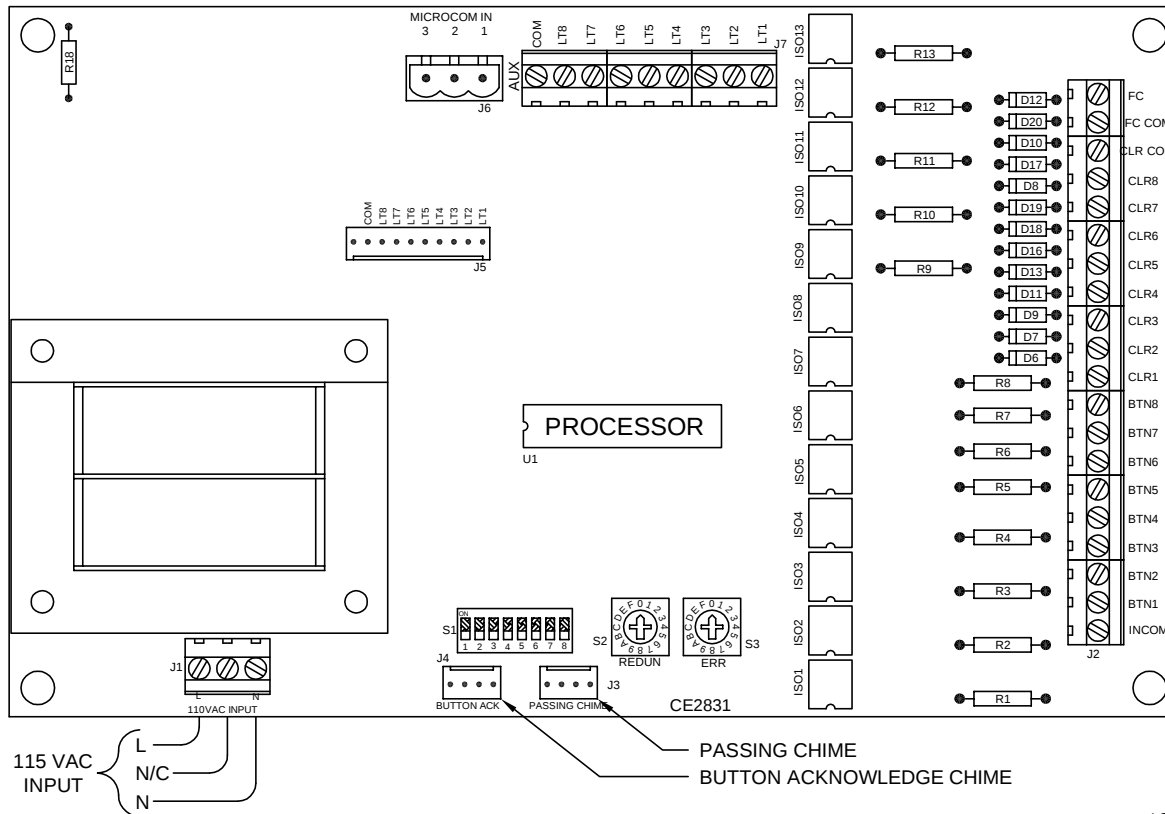
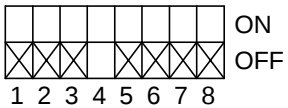
DIP SWITCH DETAIL



SELF-TEST
NOT USED
NON-COLLECTIVE
GRAY CODE
BANK SELECT
NOT USED



DEFAULT SETTINGS



TO DC VOLTAGE CAR CALL LAMPS.

LAMPS MAY BE LED OR FILAMENT TYPE.
THREE WATTS (0.1A) MAXIMUM PER LAMP.
LIMIT TWO LAMPS PER OUTPUT.

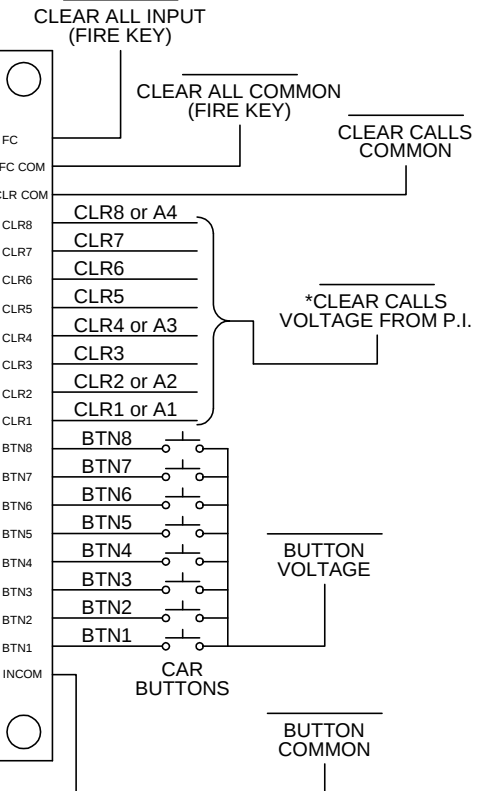
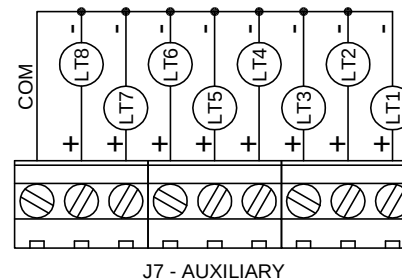
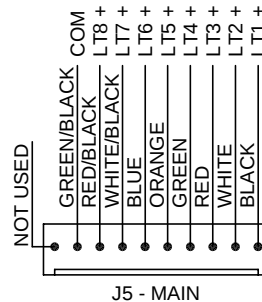
LAMP OUTPUT VOLTAGE _____

CODE VERSION _____

BOARD VERSION CE2831 _____

ROTARY SWITCH S2 _____

ROTARY SWITCH S3 _____



*CLEAR CALLS FROM P.I.

P.I. HOOKUP TO CLEAR CAR CALLS CAN BE BINARY, GRAY CODE, OR SINGLE-LINE. USE CLR1, 2, 4, AND 8 FOR BINARY OR GRAY CODE INPUTS. 15 FLOORS MAX WITH THESE INPUT-TYPES ONLY.



TYPICAL REMOTE CHIME PORT. USE TO CONNECT C.E. PART MPCB1 ONLY.

DATE DRAWN: 04/29/03	DRAWN BY: K.L.S.	REQUESTED BY: M.W.	 C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705	
BOARD NUMBER: 2831	LAST DATE REVISED: 11/30/05	APPROVED BY:		
PRODUCT: COPLD1 DIRECT INPUT CONNECTION DIAGRAM				
			DWG. NO. COPLD1_002	REV: A

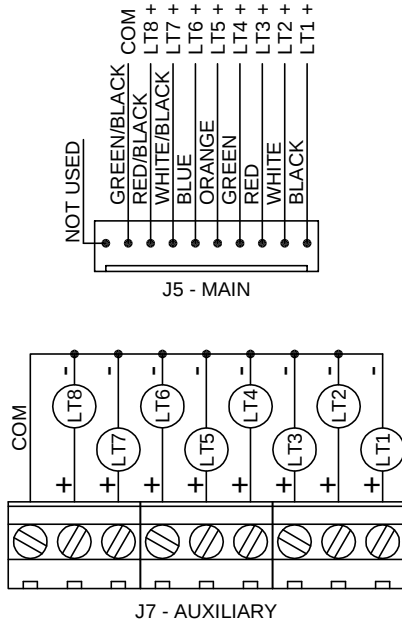
COPLD1

MICRO COMM CONNECTION DIAGRAM

JOB# _____

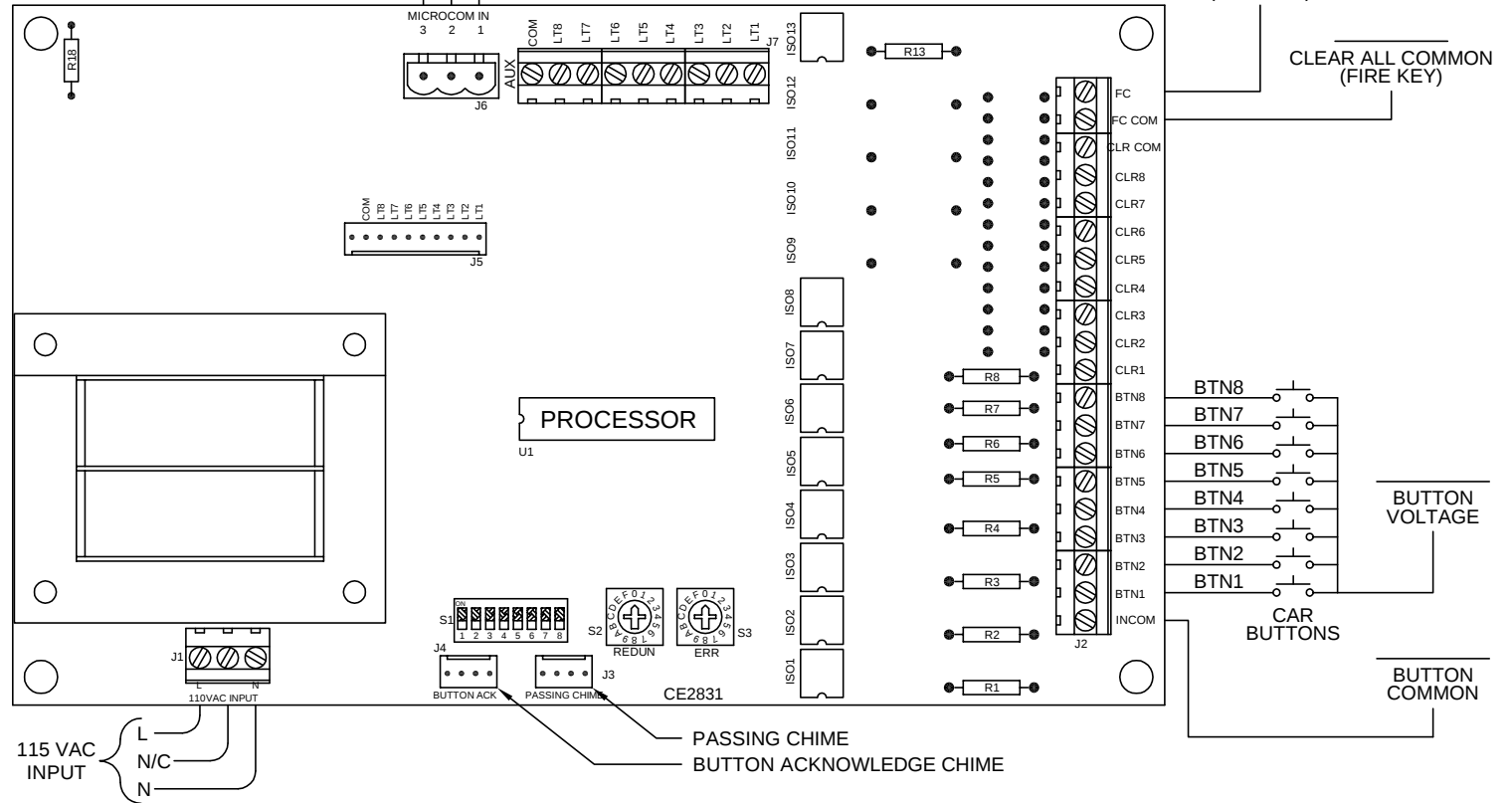
TO DC VOLTAGE CAR CALL LAMPS.

LAMPS MAY BE LED OR FILAMENT TYPE.
THREE WATTS (0.1A) MAXIMUM PER LAMP.
LIMIT TWO LAMPS PER OUTPUT.



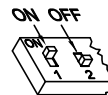
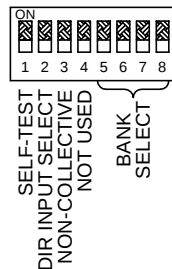
CLEAR CALLS FROM MICRO COMM DRIVER

1 - COM
2 - V+
3 - DATA

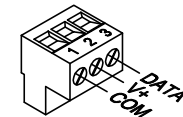
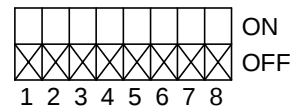


LAMP OUTPUT VOLTAGE _____

DIP SWITCH DETAIL



DEFAULT SETTINGS



CONNECTOR USED FOR MICRO COMM INPUT FROM MICRO COMM DRIVERS.



TYPICAL REMOTE CHIME PORT. USE TO CONNECT C.E. PART MPCB1 ONLY.

CODE VERSION _____

BOARD VERSION CE2831 _____

ROTARY SWITCH S2 _____

ROTARY SWITCH S3 _____

DATE DRAWN: 04/29/03	DRAWN BY: K.L.S.	REQUESTED BY: M.W.	C.E. ELECTRONICS, INC. 2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705
BOARD NUMBER: 2831	LAST DATE REVISED: 11/30/05	APPROVED BY:	
PRODUCT: COPLD1 MICRO COMM CONNECTION DIAGRAM	ENG. NO.: COPLD1_001	REV: A	

COPLD1 SWITCH FUNCTIONS

DIP Switch 1 – Test Mode

Off – Normal (Run) Mode

On – Self-Test Mode – The eight outputs cycle on with a one-second duty cycle.

DIP Switch 2 – Directional Input Select (Micro Comm Only)

Off – Lamps light for any input in the board address range.

On – When traveling *UP*, ignore all *DOWN* calls; when traveling *DOWN*, ignore all *UP* calls.

DIP Switch 3 – Non-Collective

Off – Lamps light in response to any button press.

On – When the first button input is acknowledged, the corresponding lamp lights. All other button inputs are ignored until the original button press is serviced.

DIP Switch 4 – Gray Code (Direct Input Only)

Off – Clear button presses with single line per floor or binary inputs.

On – Clear button presses with gray code inputs.

DIP Switches 5,6,7,8 – Bank Select

DIP8	DIP7	DIP6	DIP5	Bank #	Mode	Scan Slots
0	0	0	0	0	All Modes	1-8
0	0	0	1	1	All Modes except SLPF	9-15 (9-16 MC only)
0	0	1	0	2	Micro Comm Only	17-24
0	0	1	1	3	Micro Comm Only	25-32
0	1	0	0	4	Micro Comm Only	33-40
0	1	0	1	5	Micro Comm Only	41-48
0	1	1	0	6	Micro Comm Only	49-56
0	1	1	1	7	Micro Comm Only	57-64
1	0	0	0	8	Micro Comm Only	65-72
1	0	0	1	9	Micro Comm Only	73-80
1	0	1	0	10	Micro Comm Only	81-88
1	0	1	1	11	Micro Comm Only	89-96
1	1	0	0	12	Micro Comm Only	97-104
1	1	0	1	13	Micro Comm Only	105-112
1	1	1	0	14	Micro Comm Only	113-119

Rotary Switch S2 – Redundancy

Each setting increases the time the input signal must be present by 100 msecs.

0 – Lowest

F – Highest

Rotary Switch S3 – Error

Each setting adds to the number of samples taken of the input signal.

0 – Lowest

F - Highest