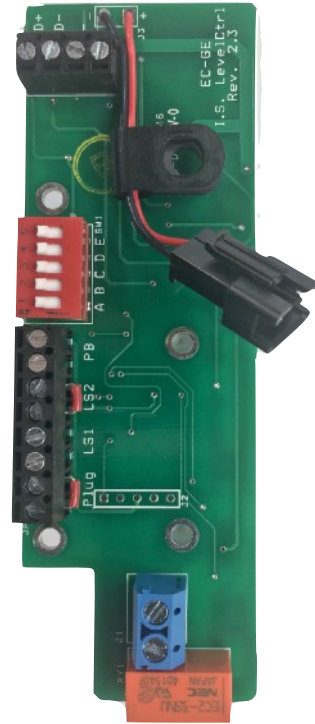# I.S. PCB MODE CHARTS

1. OVERVIEW

This is a detailed description of the inputs and outputs for the I.S. PCB.
Applies to revision 21_06_01.X

SWITCH	L	R (toward letters)
E	Relay set is delayed 15 mins.	Relay behavior is immediate.
D	Relay N.O.	Relay N.C. (opens when alarm)
C	Auto reset of relay, LED, BZ	Latching alarm, must push button after level is corrected to reset relay, LED.
B	PB shuts off BZ, but LED & relay stays on until both LS1 and LS2 corrected. (open circuit)	Pressing button shuts off BZ,LED, and resets relay, regardless of level.
A	30 min snooze	No snooze

2. BEHAVIOR CHARTS

PB1	OPEN	CLOSED	OPEN	
LS1	CLOSED			
LS2	CLOSED			
Plug	CLOSED			
BZ				
LED				
RLY	OPEN	CLOSED	OPEN	

PB TEST

I.S. PCB MODE CHARTS

PB1				↳↑	
LS1	CLOSED	2 sec	OPEN		CLOSED
LS2	CLOSED				
Plug	CLOSED				
BZ					
LED					
RLY	OPEN		CLOSED		OPEN

LS1 RESPONSE

PB1				↳↑	
LS1	CLOSED				
LS2	CLOSED	2 sec	OPEN		CLOSED
Plug	CLOSED				
BZ					
LED					
RLY					

LS2 RESPONSE - NO RELAY

PB1				↳↑	
LS1	CLOSED				
LS2	CLOSED				
Plug	CLOSED	2 sec	OPEN		CLOSED
BZ					
LED					
RLY					

"Plug" RESPONSE

Apr 21, 2022