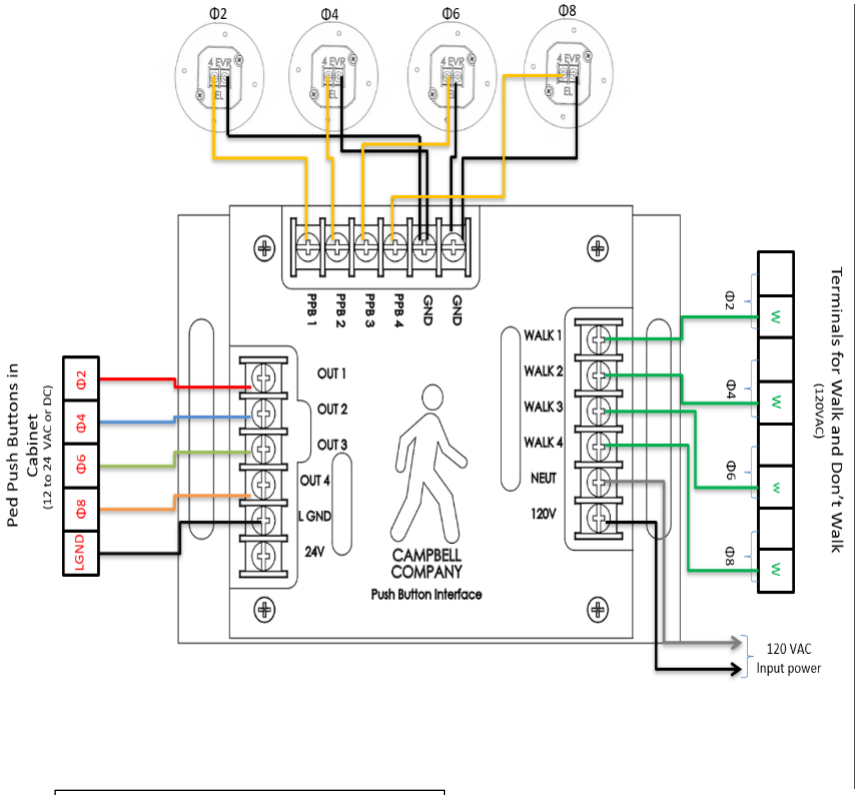
Campbell Company
Leader In Pedestrian Safety
450 W. McGregor Dr. • Boise, ID 83705 • www.pedsafety.com

Push Button Interface – Latching
PBI-L

The PBI-L synchronizes up to four 4 EVR Push Buttons per phase in a latching LED mode. One PBI manages up to four phases and 16 push buttons while simultaneously enabling latching calls. The unit can operate off either 12 or 24 volts. The PBI mounts on a side rail in the control cabinet with access to the 120 load bay, pedestrian detector rack, and field pedestrian push button wires.

- Run wire from your PBI-L outputs and ground to Pedestrian Outputs. Land wire to phase button is on. Be sure to land Ground to Logic Ground Input as well. If cabinet is a NEMA TS2, you can also land your Ground to Neutral.
- Run wire from your 120VAC walk input to the walk phase the button is on
- Connect your 120VAC and Neutral from your PBI-L to your 120VAC Power Supply. supports 4 pedestrian phases with up to four 4EVR latching pushbuttons per phase. In the event of a power supply failure, the PBI-L will output a constant closure.



Functionality	MUTCD
	ADAAG
	PROWAG

Design Compliance

Parameter	Value
Minimum Operation Voltage	89VAC
Maximum Operating Voltage	135VAC
Idle Operating Current	25mA
Maximum Operating Current	350mA
Operating Temperature	-40C to 85C

120 VAC Walk Inputs (per Channel)

Input Activation Voltage	20VAC
Input Impedance	62 kOhm
Isolation Voltage	2500 VAC

Logic Outputs (Per Channel)

Min Closure Dwell	150ms
Max Closure Dwell	100mA
Max Voltage	50 VDC / 42 VAC
Output Impedance	16 Ohm

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