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Overview

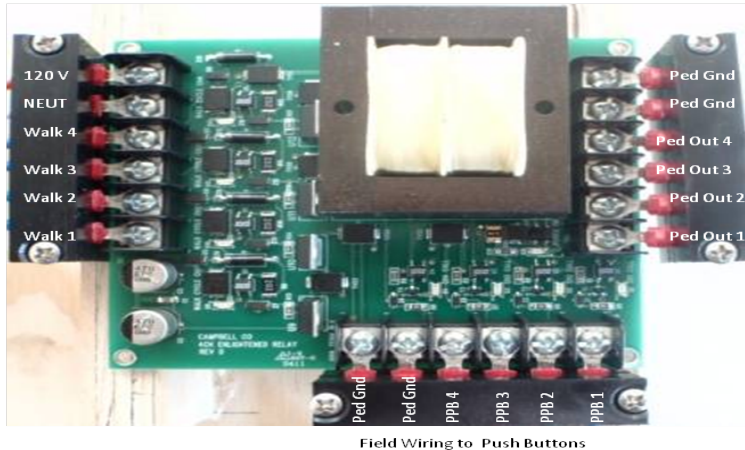
The Enlightened Interface Module (ENIM) synchronizes multiple 4 EVR or Freedom Push Buttons on the same phase in a latching mode. An audible Dee Dah feedback as well as having the LED latch for all pushbuttons on that same phase will latch until the walk display is energized.

Configuration

One ENIM manages up to four phases, and 16 push buttons. For large complex intersections, multiple modules can be added to service additional phase requirements. The Enlightened Interface Module is ADA and MUTCD compliant.

Installation

The ENIM mounts on the side rail in the control cabinet with easy access to the 120 load bay, pedestrian detector rack, and field pedestrian push button wires. Field connections from the PPB interface with the load switches and field terminals at the interface.



Enlightened Interface Module

ENIM Electrical Specifications

AC Line Input (Power Source)	120V AC and Neutral
PPB Field Wire	Ped Gnd, PPB 1-4 (24V DC/12V AC)
Cabinet Detector Inputs	Ped Gnd, Ped Out 1-4 (24V DC/12V AC)
Load Bay Inputs	Walk Display 1-4 (120V)
Operating Temp	-40C to 125C
Dimensions	4.5" x 6.5"

PPB Electrical Specifications

Operating Voltage	TS1 & TS2 (12 – 24 V AC/DC)
Max Line Voltage	30 V DC - 25 AC (rms)
Switch Current Max	200mA
On Resistance	<20 ohms
Operating Mode	NO
Closure Dwell	150ms
Switch	Piezo electric, isolated & transient protected

