



Push Button Interface Card (PBIC)



Push Button Interface Card

Installation

The PBIC slides in to the detector rack in the control cabinet.

ADDITIONAL

More information can be found at:
www.pedsafety.com

ABOUT

Campbell Company is the leading American manufacturer of pedestrian signal safety products, accessible pedestrian signals (APS) pedestrian push buttons, signs, and hardware.



Verisys
Registrars®
ISO 9001:2008
Certified

Overview

The Push Button Interface Card (PBIC-L) synchronizes up to 4 4EVR or Freedom Push Buttons per phase, and up to 4 phases in a latching LED mode. One PBIC replaces 2 DC isolator Cards. The PBIC-L allows the Pilot Light on the Push Button to remain latched until the walk display is activated.

Configuration

One PBIC manages up to four phases, and 16 Push Buttons. Each PBIC faceplate displays separate LEDs that indicate “calls” and “walks”. The PBIC also has a test button for each phase to check and troubleshoot installations from the cabinet. A detachable cable is included with each PBIC. The PBIC-L is MUTCD, ADAAG and PRO-WAG compliant.

PBIC 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 Switch Inputs	Walk Display 1-4 (120V)
Operating Temp	-40C to 85C
Dimensions	2"x 4.5"x 7"

PPB Electrical Specifications

Operating Voltage	TS1 & TS2 (12 – 24 V AC/DC)
Switch Current Max	200mA
On Resistance	16 ohms
Operating Mode	NO
Closure Dwell	150ms
Switch	Piezo electric, isolated & transient protected





Push Button Interface (PBI)



PBI Module

PBI 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 Outputs	Ped Gnd, Ped Out 1-4 (24V DC/12V AC)
Load Switch Inputs	Walk Display 1-4 (120V)
Operating Temp	-40C to 85C
Dimensions	4.5" x 6.5"

PPB Electrical Specifications

Operating Voltage	TS1 & TS2 (12 – 24 V AC/DC)
Switch Current Max	200mA
On Resistance	16 ohms
Operating Mode	NO
Closure Dwell	150ms
Switch	Piezo electric, isolated & transient protected

Overview

The Push Button Interface (PBI-L) synchronizes up to 4 Freedom or 4 EVR Push Buttons per phase and up to 4 phases in a latching LED mode. The PBI-L allows the Pilot Light on the push button to remain latched “on” until the walk display is activated. The PBI-L is MUTCD, ADAAG and PRO-WAG compliant.

Configuration

The PBI-L is highly versatile. The unit can operate off either 12 or 24 volts. One PBI manages up to four phases, and 16 push buttons while simultaneously enabling latching calls

Installation

The PBI mounts on a side rail in the control cabinet with easy access to the 120 load bay, pedestrian detector rack, and field pedestrian push button wires.



Verisys
Registrars®
ISO 9001:2008
Certified

