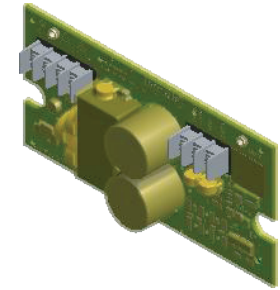




## iPHCU3W: PED HEAD CONTROL UNIT FOR 3 WIRE iNAVIGATOR

Polara's iNavigator 3 Wire Push Button Stations require this control unit in the pedestrian signal head to convert the 120VAC WALK and DON'T WALK signals to isolated low voltage DC signals and DC power. Terminal screws include washers (clamping plates) intended for bare wire. Crimp terminals are not recommended.



### INPUT CONNECTIONS:

120VAC at 18VA Max, Walk, Don't Walk, AC Common, and Protective Ground, to the wiring inside a pedestrian signal head (i.e. Ped Head).

### OUTPUT CONNECTIONS:

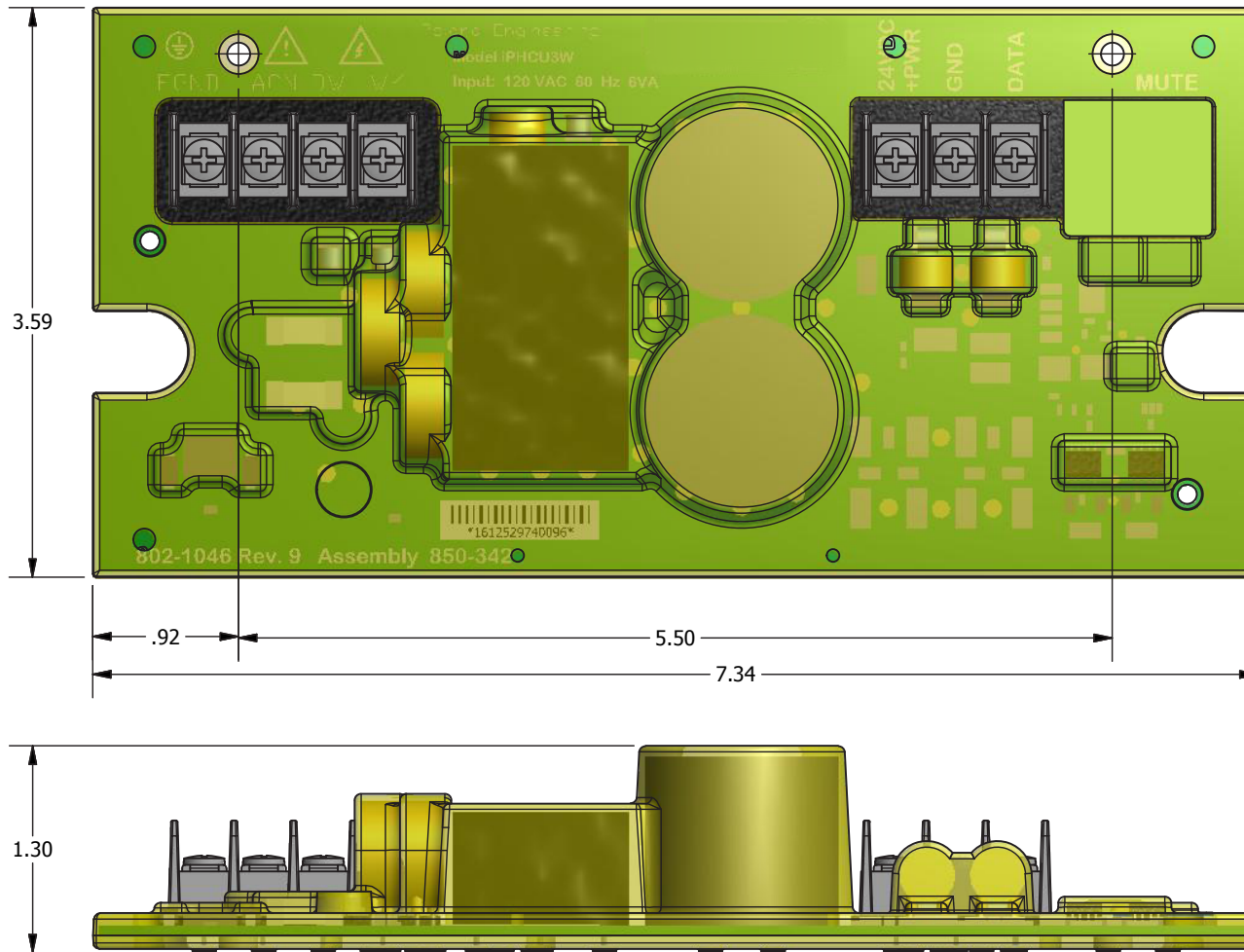
Three wires - Power (+24VDC), Ground, and Data, connect from the iPHCU3W to an iN3 Push Button Station. One iPHCU3W can operate one Push Button Station. The Data signal conveys both Walk and Don't Walk information as well as incoming voltage level information. The iN3 is able to report a fault in the event of an improper Data signal.

A hardware kit is included with the iPHCU3W which is designed to provide easy mounting inside most common types of pedestrian signs.

The iPHCU3W has built in surge protection and is protected from moisture. There are no adjustments or replaceable parts.

Test Type	Compliance
Temperature and Humidity	NEMA TS 2
Transient Voltage Protection	NEMA TS 2
Transient Suppression	IEC 61000-4-4, IEC 6100-4-5
Electronic Noise	FCC Title 47, Part 15, Class A
Mechanical Shock and Vibration	NEMA TS 2
Electrical Reliability	NEMA TS 4

Note: Applicable sections only of reference standards.



### Product Ordering Information

- iPHCU3W 3-Wire Ped Head Control Unit (Shown)
- iPHCU3W-M 3-Wire Ped Head Control Unit with Mute Input