

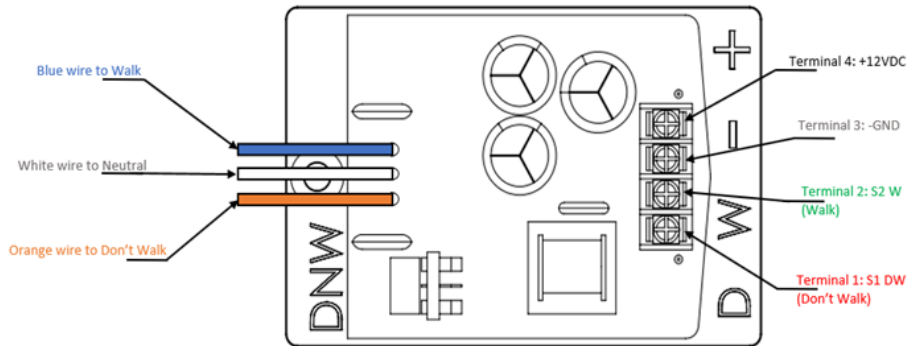


# Turn Lane Pedestrian Indicator (TLPI) Node Wiring Quick Guide (APS)

## SPI in the Pedestrian Signal Head (Signal Power Interface)

**WARNING 120 VAC Inputs**

**12 VDC Outputs**



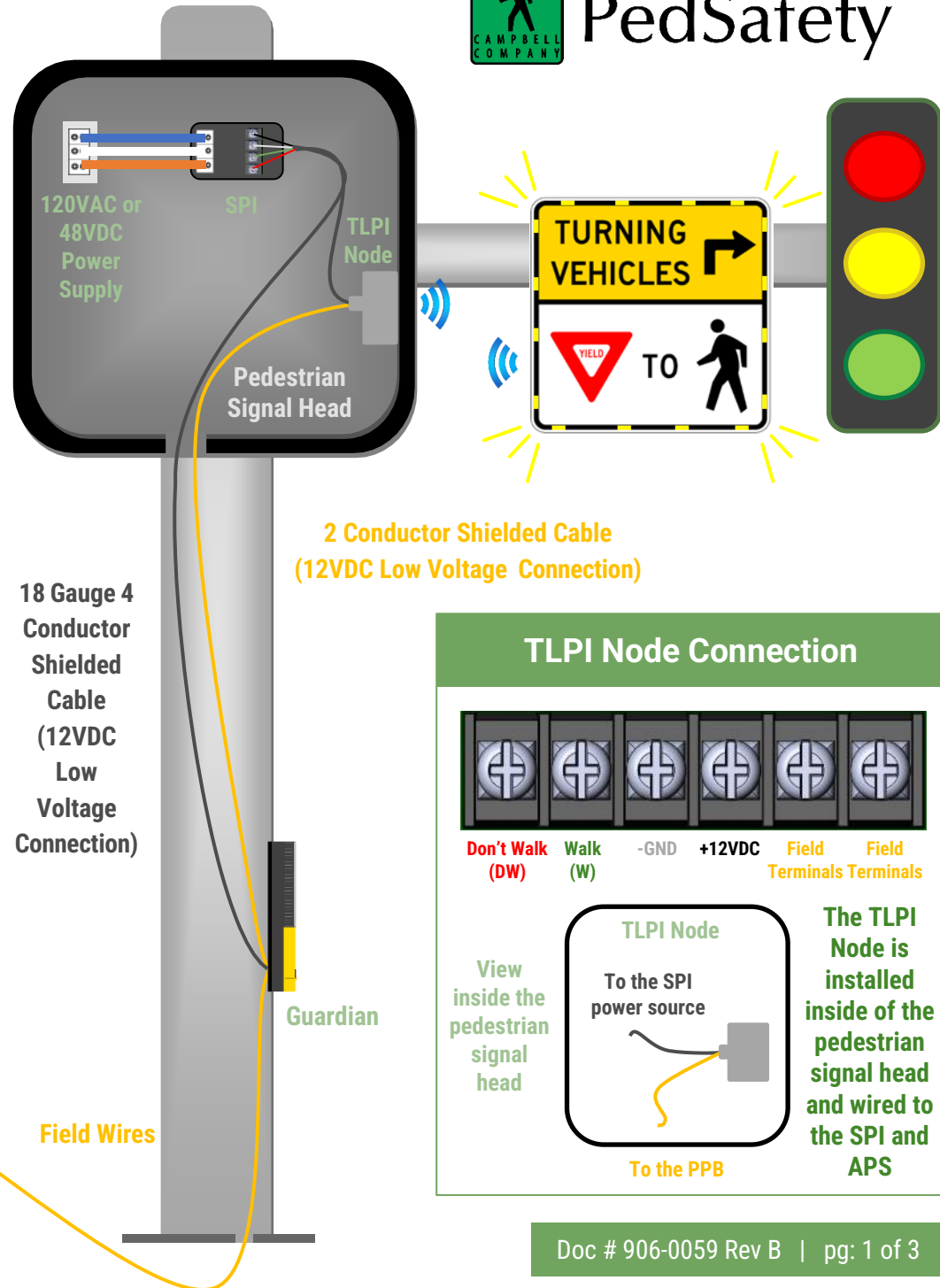
**DO NOT** set the SPI on the bottom of the pedestrian signal head! Terminals of the SPI must be connected to the same terminals on the base station.

Note: 48VDC intersections require a different SPI than 120VAC intersections.

## Traffic Control Cabinet

- ✓ Utilizes the existing **field wires** from cabinet to pedestrian push buttons to place calls from the **Guardian**.
- ✓ **NOT** polarity dependent.
- ✓ Field wires are only required for intersections **NOT** in recall.

NOTE: For NEW intersection installations, **in the absence of city or other local specifications**, PedSafety recommends IMSA 50-2 14-gauge loop lead-in wire.



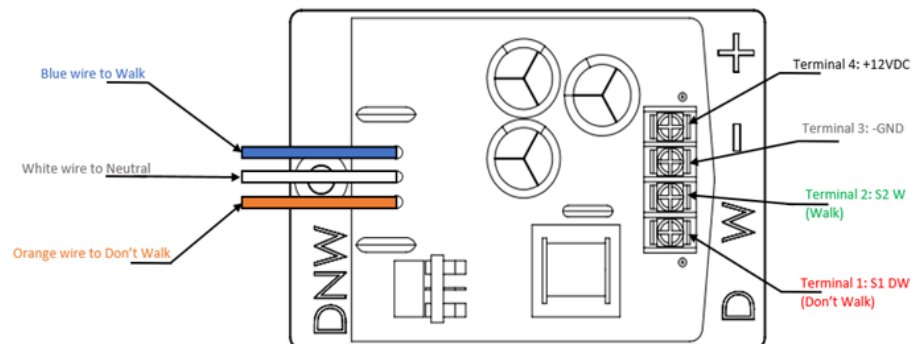


# Turn Lane Pedestrian Indicator (TLPI) Node Wiring Quick Guide (PPB)

## SPI in the Pedestrian Signal Head (Signal Power Interface)

**WARNING 120 VAC Inputs**

**12 VDC Outputs**



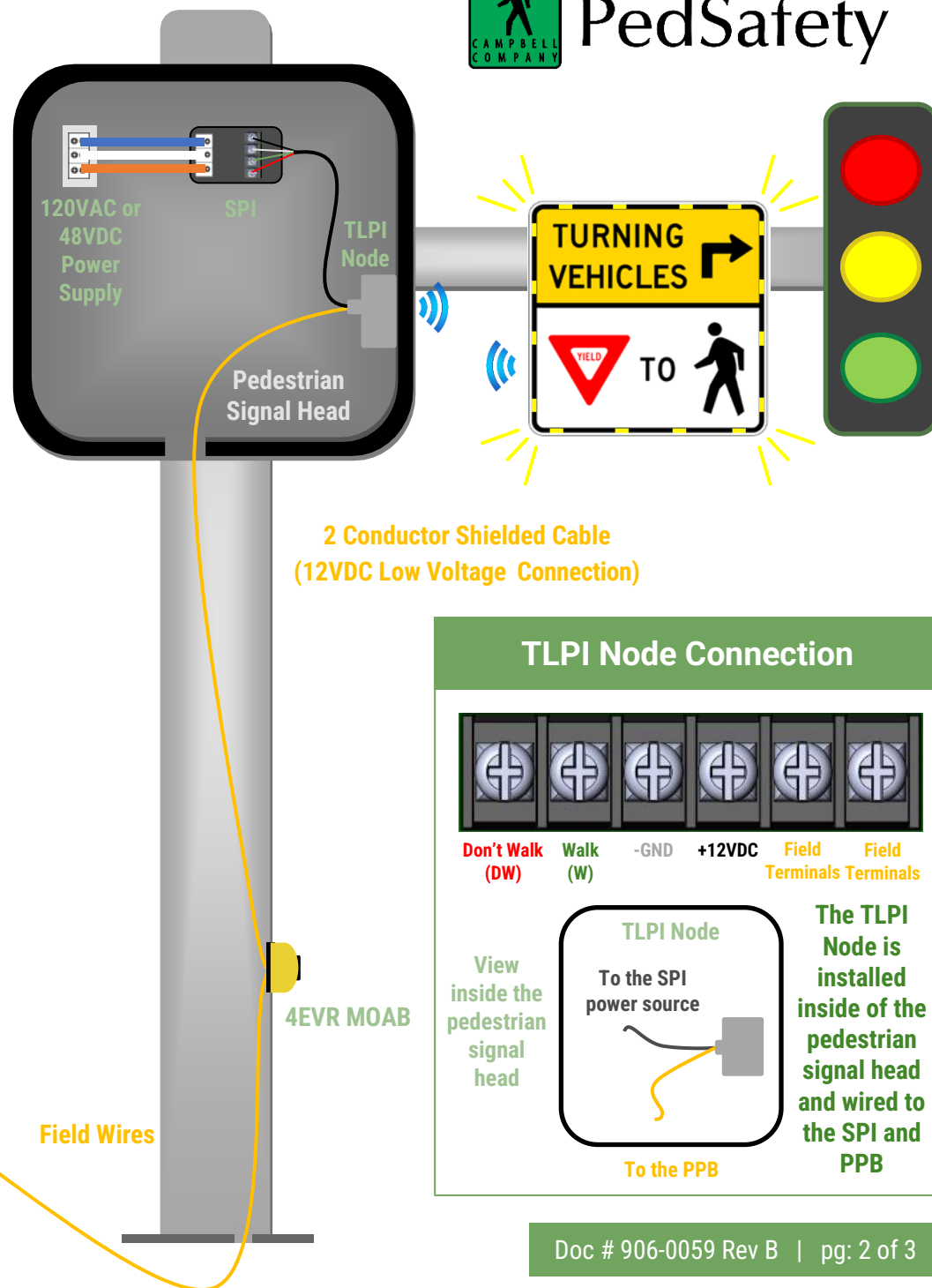
**DO NOT** set the SPI on the bottom of the pedestrian signal head! Terminals of the SPI must be connected to the same terminals on the base station.

Note: 48VDC intersections require a different SPI than 120VAC intersections.

## Traffic Control Cabinet

- ✓ Utilizes the existing **field wires** from cabinet to pedestrian push buttons to place calls from the **4EVR MOAB**.
- ✓ **NOT** polarity dependent.
- ✓ Field wires are only required for intersections **NOT** in recall.

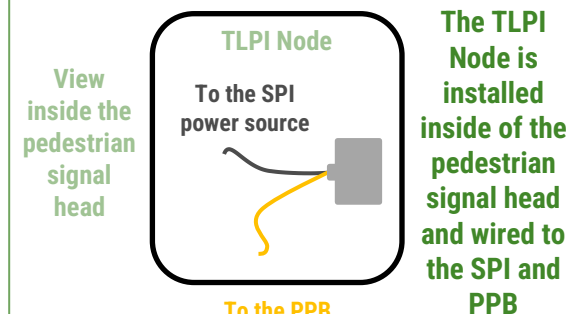
**NOTE:** For NEW intersection installations, in the absence of city or other local specifications, PedSafety recommends IMSA 50-2 14-gauge loop lead-in wire.



## TLPI Node Connection



Don't Walk (DW)    Walk (W)    -GND    +12VDC    Field Terminals    Field Terminals

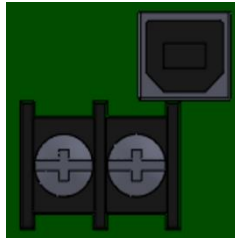


# Turn Lane Pedestrian Indicator (TLPI) Master Wiring Quick Guide



PedSafety

## 12V Flasher Output (Sign Output)

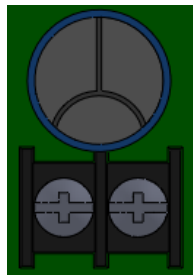


Flasher Wire +    Flasher Wire -

The Flasher Wires on the TLPI Master are wired at the factory prior to delivery.

Note: The clear LED to the left of the flasher terminal block will flash in sync with the sign, indicating that the sign and TLPI Master are working properly.

## TLPI Master 12V and Solar Applications



12V Input +    12V Input -

Solar or 12V applications can be used as an alternative way to power the TLPI Master.

Note: Solar Applications **MUST** be able to provide 12V to the TLPI Master if used.

