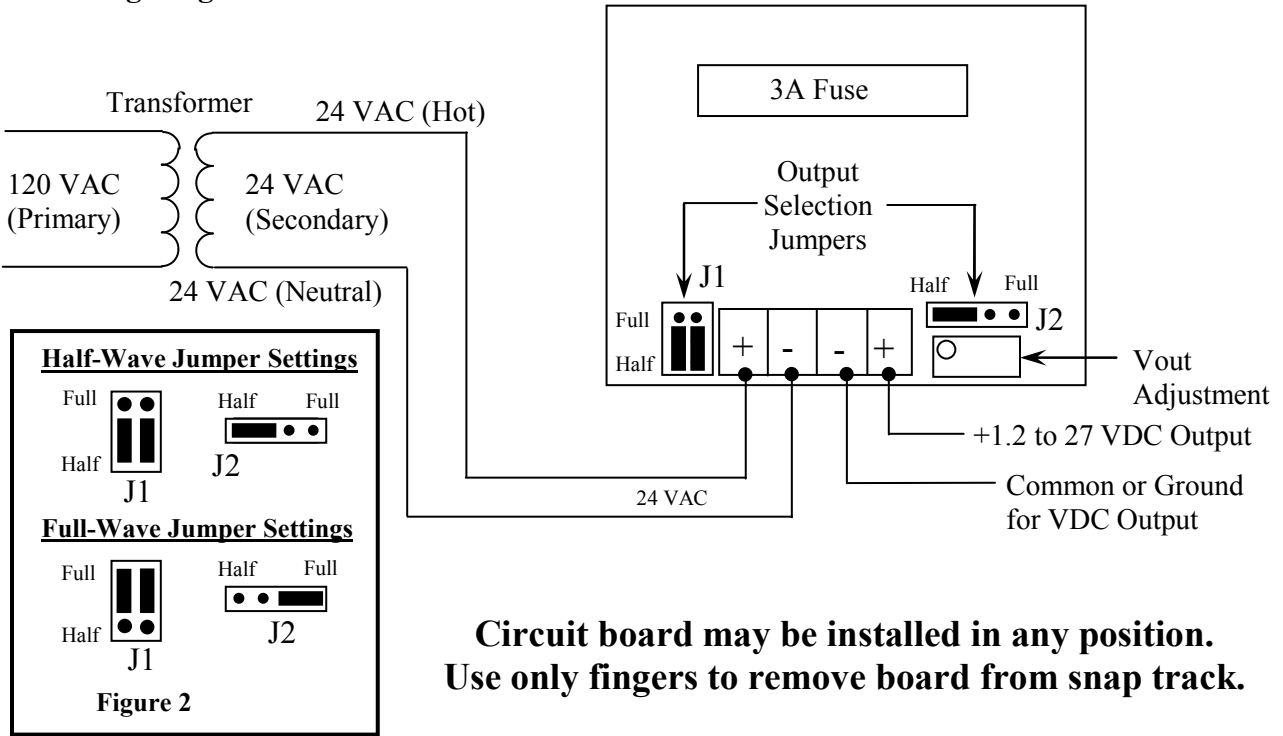




Installation and Operation Instruction A/PS1.5

■ Wiring Diagram



**Circuit board may be installed in any position.
Use only fingers to remove board from snap track.**

■ Output Selection Jumpers (Half Wave - Full Wave Rectification)

The A/PS1.5 comes with the option of selecting either a **Full-Wave** or **Half-Wave** output depending on your application needs. **All power supplies are shipped from the factory in Half-Wave mode.**

Caution: If you require a power supply with an **isolated ground (Full-Wave Mode)**, simply move the three output selection jumpers from the Half Wave location to the Full Wave location as shown in **Figure 2** without power applied to the unit. **Failure to do so may harm the unit or cause damage to any other device connected to the power supply.**

■ Power Connections

- 1) **Supply Voltage**-The input voltage to the A/PS1.5 should come from an isolated 24 VAC transformer or a 24 to 35 VDC power supply.
- 2) ACI recommends that the A/PS1.5 adjustable regulated power supply be used with a transformer, isolated from all other loads. If other field devices must be connected to the same transformer, they must all use the same common. If the transformer is shared with any devices that have coils, a spike suppressing device such as a diode or a MOV should be used.
- 3) A grounded DC (-) terminal and a grounded 24 VAC Input transformer will blow the unit's fuse in the **Full-Wave mode**.
- 4) In the **Full-Wave** mode, the 24 VAC transformer connections are **polarity sensitive**. Be sure to re-check the wires, before making final connections to the unit. **Failure to do so may result in damage to the unit or any other connected device.**

■ WEEE Directive

At the end of their useful life the packaging and product should be disposed of via a suitable recycling centre. Do not dispose of with household waste. Do not burn.



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