

**MOUNTING POSITION** - The PTR-1-S2 may be mounted in any position.

**POWER INPUT** - The PTR-1-S2 can be powered by 120VAC or 208 to 277VAC. Connect the **GND** terminal to the electrical system ground. Connect the Neutral lead to the **NEU** terminal. Connect the **L1** terminal to the 120VAC "Hot" lead for 120VAC operation. Connect the **L2** terminal to the 208, 240, or 277 "Hot" lead.

**METER CONNECTIONS** - The PTR-1-S2's "Kin", "Yin" and "Zin" input terminals should be connected to the meter's "K", "Y" and "Z" terminals: "Kin" to "K", "Yin" to "Y", and "Zin" to "Z". The PTR-1-S2's "K" terminal provides the +9VDC wetting voltage to the meter's "K" terminal.

**OUTPUTS** - Connect two dedicated wires to the TIP and RING output terminals provided on the PTR-1-S2. Transient suppression for the output provided internally. The output uses a switched polarity current loop of +/-25VDC (max) to switch a pulse receiving relay, up to four miles away using standard phone company wires or a dedicated pair of wires. Larger wire will increase the distance pulses can be transmitted.



## SOLID STATE INSTRUMENTS

a division of Brayden Automation Corp. 6230 Aviation Circle, Loveland Colorado 80538 Phone: (970)461-9600 Fax: (970)461-9605 E-mail:support@solidstateinstruments.com