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

POWER INPUT - The PTR-1PS 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 or 277 "Hot" lead.

METER CONNECTIONS - The PTR-1PS' "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-1PS' "K" terminal provides the +9VDC wetting voltage to the meter's "K" terminal. The PTR-1PS may be operated in the two wire mode by using Kin and Yin only.

OUTPUTS - Connect two dedicated wires to the TIP and RING output terminals provided on the PTR-1PS. 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.
Operation: The PTR-1PS contains a +/-15 to 25VDC current loop for long distance pulse transmission and uses a dedicated pair of wires. As the PTR-1PS' KYZ input alternates from one closure to another, the current loop polarity reverses causing all output relays to switch in the CLR-x Receiving Relay. Maximum distance of transmission decreases with the increased number of outputs on the receiving relay. Maximum distance will also increase as wire size increases.

- CLR-2 Only
- **CLR-3 Only**