INSTRUCTION SHEET
RPR-24S PULSE ISOLATION RELAY

MOUNTING POSITION - Because the RPR-24S contains mercury-wetted relays, it must be mounted in a vertical position (as shown) to operate correctly.

POWER INPUT - The RPR-24S is powered by an AC voltage of between 90 and 300 volts. For 208 thru 277VAC, connect the AC line's "hot" wire to the L2 terminal. For 120VAC, connect the AC line's "hot" wire to the L1 terminal. The AC line's "neutral" wire should be connected to the N terminal.

INPUT CONNECTIONS - Connect the K terminal of each meter which is supplying pulses to the RPR-24S to the RPR-24S' K1in and K2in terminals. Connect the each meter's Y and Z terminals to the respective meter's Yin and Zin input terminals of the RPR-24S.

INPUT TYPE SELECTION - The RPR-24S' inputs may be configured as either 2-Wire (Form A) or 3-Wire (Form C). Selector Jumper J1 selects the configuration for INPUT #1. Selector Jumper J2 sets the configuration for INPUT #2. Place the Jumper Plug in the correct position for the input type desired: Bottom-to-middle pin for Form A, or middle-to-top pin for Form C.

FUSES - The fuses are type 3AG and may be up to 1 Amp in size. Four 1/2 Amp fuses (F1-F4) are supplied standard with the unit unless otherwise specified.

OUTPUTS - Four three-wire isolated outputs are provided on the RPR-24S, with output terminals K1, Y1 & Z1; K2, Y2, & Z2; K3, Y3 & Z3; and K4, Y4 & Z4. Arc suppression for the contacts of the mercury-wetted relays are provided internally. Each relay must be assigned to one of the two input channels. Using the selector switch for each relay select "A" for input number 1 or "B" for input number 2. The output will follow the input selected.

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Revision: 12/17/2005  P/N: 04106-97206B