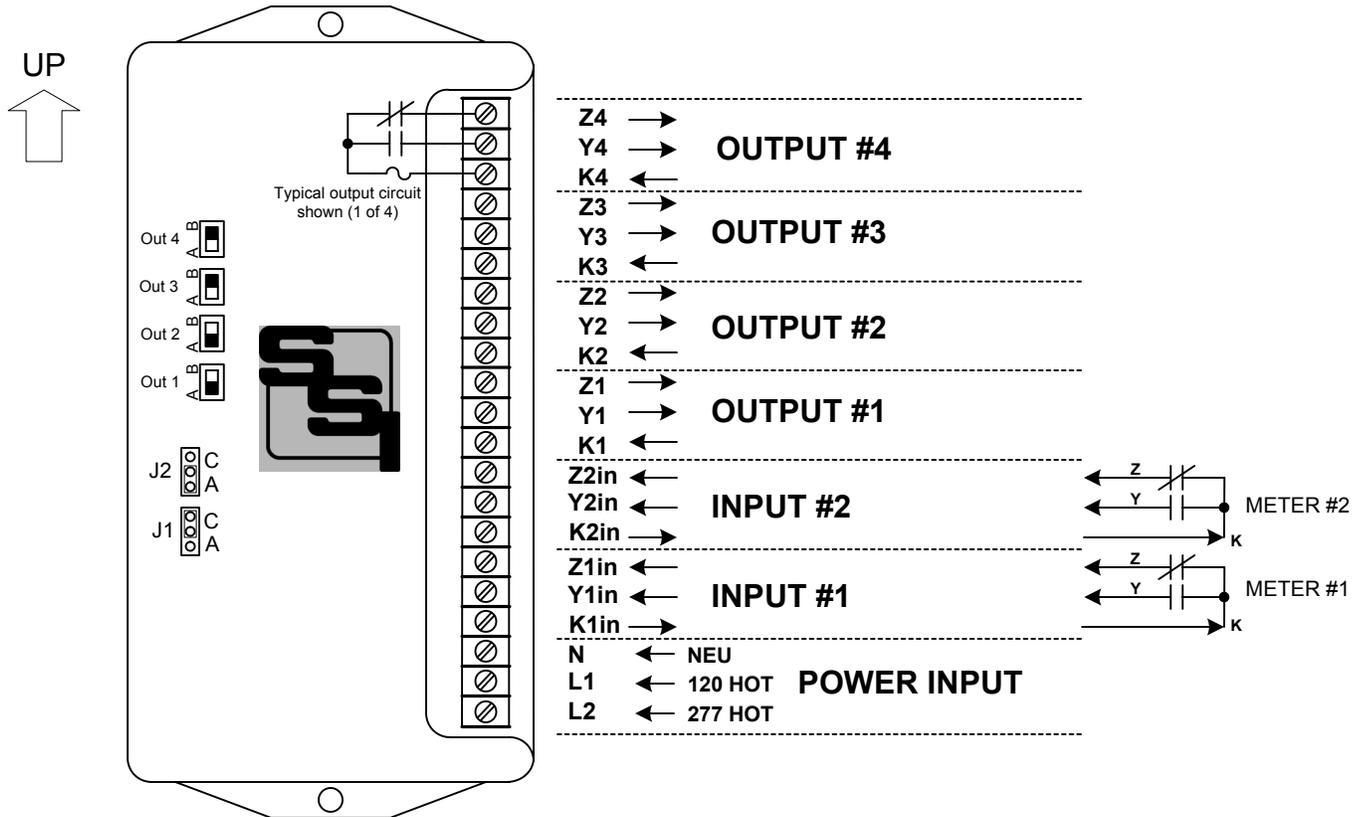


INSTRUCTION SHEET

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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