

**MOUNTING POSITION** - The RPR-33PS may be mounted in any position.

**POWER INPUT** - The RPR-33PS is powered by an AC voltage of between 90 and 300 volts. For 120VAC, connect the "hot" lead to the L1 terminal. For 208 to 277VAC, connect the "hot" lead to the L2 terminal. Use EITHER L1 or L2 but do not use both. Connect the "neutral" lead to the **N** terminal. Connect the **G** terminal to power system Ground (GND). If no true Neutral exists at the meter, connect both the N and G terminals to power system ground.

**INPUT MODE SELECTION** - The RPR-33PS's inputs may be used in either the FormA (2-Wire) or the Form C (3-Wire mode. Select the desired input mode on Jumpers JP1, JP2 and JP3 that correspond to inputs 1, 2 and 3, respectively. Form A uses two wires on K and Y, while Form C must use all three wires.

**INPUT CONNECTIONS** - Connect the K terminal of each meter which is supplying pulses to the RPR-33PS to the RPR-33PS's **K1in, K2in and K3in** terminals. Connect each meter's Y and Z output terminals to the respective meter's **Yin** and **Zin** input terminals of the RPR-33PS. All three wires must be used for a Form C, 3-Wire input. Connect the Kin and Yin input terminals for a Form A, 2-Wire input.

**<u>OUTPUTS</u>** - Three 3-wire (Form C) isolated dry-contact outputs are provided on the RPR-33PS, with output terminals K1, Y1 & Z1; K2, Y2, & Z2; and K3, Y3 & Z3. Transient suppression for the contacts of the solid state relays is provided internally by metal oxide variators (MOV).

**FUSES** - The fuses are type 3AG and may be up to 1/2 Amp in size. Three 1/2 Amp fuses (F1-F3) are supplied standard with the unit unless otherwise specified.



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