MOUNTING POSITION - The SPR-44 may be mounted in any position since it uses solid state relays.

POWER INPUT - The SPR-44 is powered by an AC voltage of between 90 and 300 volts. Connect the power supply’s “HOT” lead to terminal L1. Connect the AC line’s “neutral” wire to the N terminal. Connect electrical system ground to the G terminal. For use with 120VAC line, put switch S1 in the UP position. For use on 208 thru 277VAC, put switch S1 in the DOWN position. If Neutral does not exist at the meter, connect both NEU and GND to Ground.

PULSE INPUTS - Connect the K terminal of each meter supplying pulses to the SPR-44’s Kin terminal. Form C Input: Connect the Yin and Zin input terminals to the Y and Z terminals of the respective meters. Form A Input: Connect the Yin input terminal to the Y terminal of the respective meter.

INPUT TYPE SELECTION - The SPR-44’s 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, Etc. Place the Jumper between the top and middle pin for a Form A input or between the bottom and middle pin for a Form C input. Inputs may be paralleled to create multiple outputs.

FUZZES - The fuses are type 3AG and may be up to 1/10th Amp in size. Four 1/10 Amp fuses (F1-F4) are supplied standard with the unit unless otherwise specified.

OUTPUTS - Four three-wire isolated outputs are provided on the SPR-44, with output terminals K1, Y1 & Z1; K2, Y2 & Z2; K3, Y3 & Z3; and K4, Y4 & Z4. Outputs are rated at 250VAC/VDC @ .1 Amp. Arc suppression for the contacts of the solid state relays are provided internally. Each relay output follows its respective input number.