MOUNTING POSITION - Because the RPR-3 contains mercury-wetted relays, it must be mounted in a vertical position to operate correctly.

INPUT - The RPR-3 is powered by an AC or DC voltage of between 90 and 250 volts. Connect the L1 voltage of the AC line (or DC’s negative voltage) to the RPR-3’s Kin terminal. Connect the L2 voltage of the AC line (or the DC’s positive voltage) to the Kout terminal on the meter. Connect the RPR-3’s Yin terminal to the meter’s Yout terminal. Connect the RPR-3’s Zin terminal to the meter’s Zout terminal. CUT jumper JP1 for 240V or 277V operation. Leave wire UNCUT for 120V operation. No other power supply is required to use the RPR-3 relay.

FUSES - The output fuses are type 3AG and may be up to 1 Amp in size. Three 1/2 Amp fuses (F1, F2 & F3) are supplied standard with the unit unless otherwise specified.

OUTPUTS - Three 3-wire isolated outputs are provided on the RPR-3, with output terminals K1, Y1 & Z1; K2, Y2, & Z2; and K3, Y3 & Z3. Typical output circuit shown above. Arc suppression for the contacts of the mercury-wetted relays are provided internally.