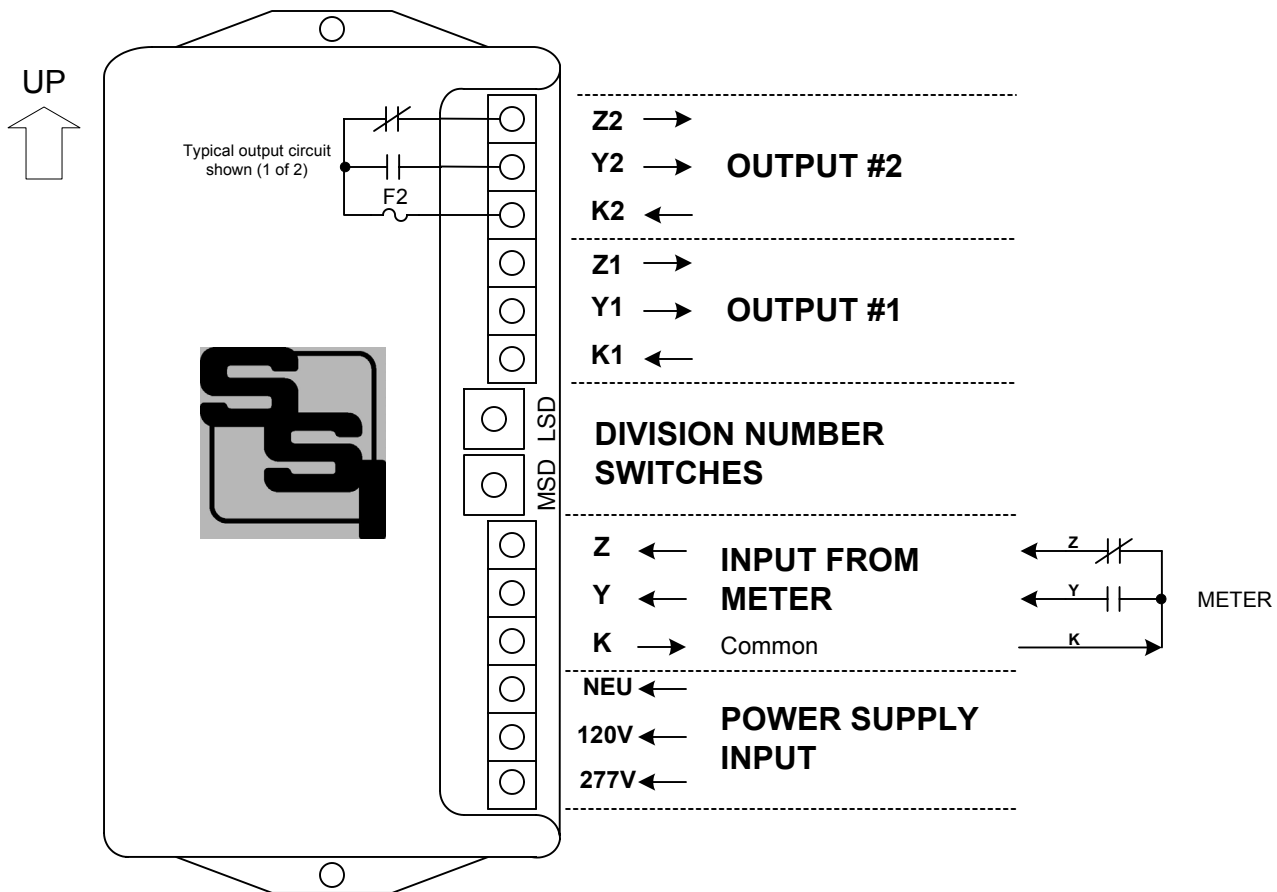


INSTRUCTION SHEET

DPR-22 DIVIDING PULSE RELAY



MOUNTING POSITION - Because the DPR-22 contains mercury-wetted relays, it must be mounted in a vertical position to operate correctly.

POWER INPUT - When using a continuous power supply voltage of 120 VAC, connect the hot lead to the 120V terminal and the neutral to the NEU terminal. For input voltages between 208 and 277VAC, connect the hot lead to the 277V and neutral to the NEU terminal.

METER CONNECTIONS - The DPR-22 can be used with either a 2 wire or 3-wire metering system. The DPR-22's "K", "Y" and "Z" input terminals should be connected to the meter's "K", "Y" and "Z" terminals: "K" to "K", "Y" to "Y", and "Z" to "Z". (Z not used in 2-wire input format.) The DPR-22's "K" is common & provides the return from the meter's K terminal. The "Y" and "Z" inputs provide a "pulled-up" +13VDC to the meter's "Y" and "Z" terminals. Jumper J1 must be in the correct position for the input configuration format used.

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

OUTPUTS - Two three-wire isolated outputs are provided on the DPR-22. Arc suppression for the contacts of each mercury-wetted relay is provided internally.

DIVISION NUMBER SWITCHES - The division number switches, located between the input and output terminal blocks, should be set to the desired division number (ratio) between the input and output pulses. See the table (reverse side of this sheet) for dividing number switch settings from 1 to 255.



SOLID STATE INSTRUMENTS

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