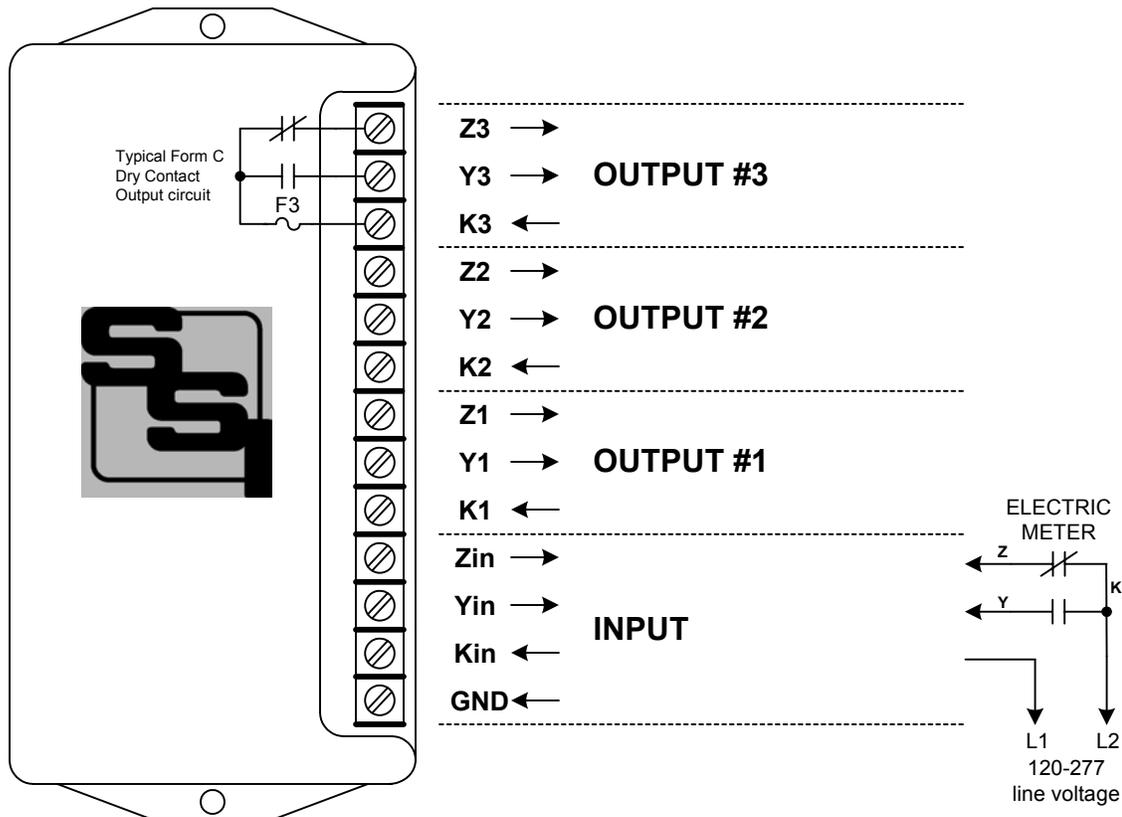


RPR-3LS

Elite Solid State

PULSE ISOLATION RELAY INSTRUCTION SHEET



MOUNTING POSITION - The RPR-3LS can be mounted in any position.

INPUT - The RPR-3LS is powered by an AC or DC voltage of between 90 and 300 volts. For an AC supply, connect the L1 voltage of the AC line to the RPR-3LS' (relay) **Kin** terminal. Connect the L2 voltage of the AC line to the K terminal on the pulse initiator of the meter. For a DC supply, connect the positive (+) voltage source to the meter's K terminal, and the negative (-) to the RPR-3LS' (relay's) **Kin** terminal. Connect the RPR-3LS' **Yin** terminal to the meter's Y terminal and the RPR-3LS' **Zin** terminal to the meter's Z terminal. The RPR-3LS will not operate without all three wires between it, the power supply and the meter as shown on Page 2. Connect the RPR-3LS' **GND** terminal to the electrical system ground. The RPR-3LS' power supply is auto-ranging and does not require any configuration for any voltage in the operating range. No other power supply is required to use the RPR-3LS relay. The meter's KYZ pulse initiator must be rated for the line voltage used.

FUSES - The fuses are type 3AG and may be up to 1/2 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-3LS, 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 solid-state relays is provided internally.



SOLID STATE INSTRUMENTS

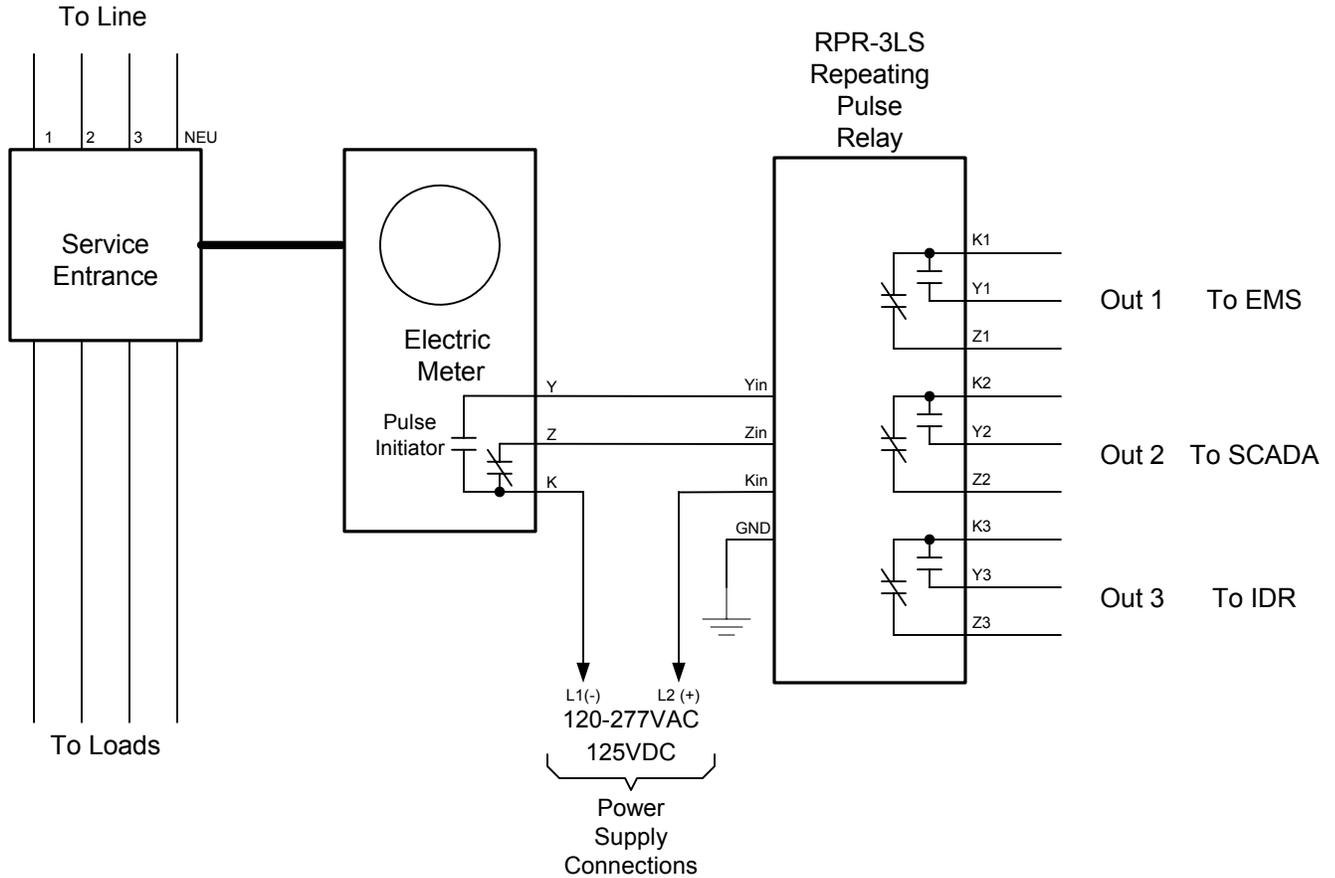
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RPR-3LS Wiring Diagram



RPR-3LS Repeating Pulse Relay Wiring Diagram		REVISIONS	
		NO.	DATE
DATE ORIGINAL	SCALE		
11/29/08	N/A		
LATEST REVISION	JOB NO.	CHECKED	DRAWN
			WHB

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