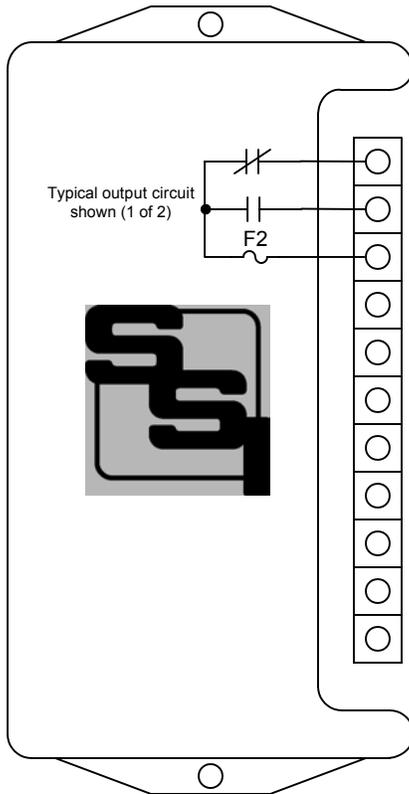


RPR-2PS

Elite Solid State

PULSE ISOLATION RELAY INSTRUCTION SHEET



Z2 →

Y2 → **OUTPUT #2**

K2 ←

Z1 →

Y1 → **OUTPUT #1**

K1 ←

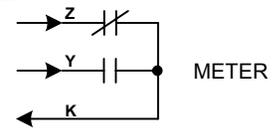
Z →

Y → **INPUT FROM METER**
+13VDC sourced to meter

K ←

L2 ← Neu **POWER SUPPLY**

L1 ← Hot **INPUT**



MOUNTING POSITION - The RPR-2PS can be mounted in any position.

POWER INPUT - The RPR-2PS can be powered by an AC voltage of between 90 and 300 volts. Connect the hot lead to the L1 terminal and the neutral lead to the L2 terminal.

METER CONNECTIONS - The RPR-2PS' "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". The RPR-2PS' "K" terminal is the common return and system ground. The "Y" and "Z" terminals are pulled-up to +13VDC, which provides the wetting voltage to the pulse initiator.

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

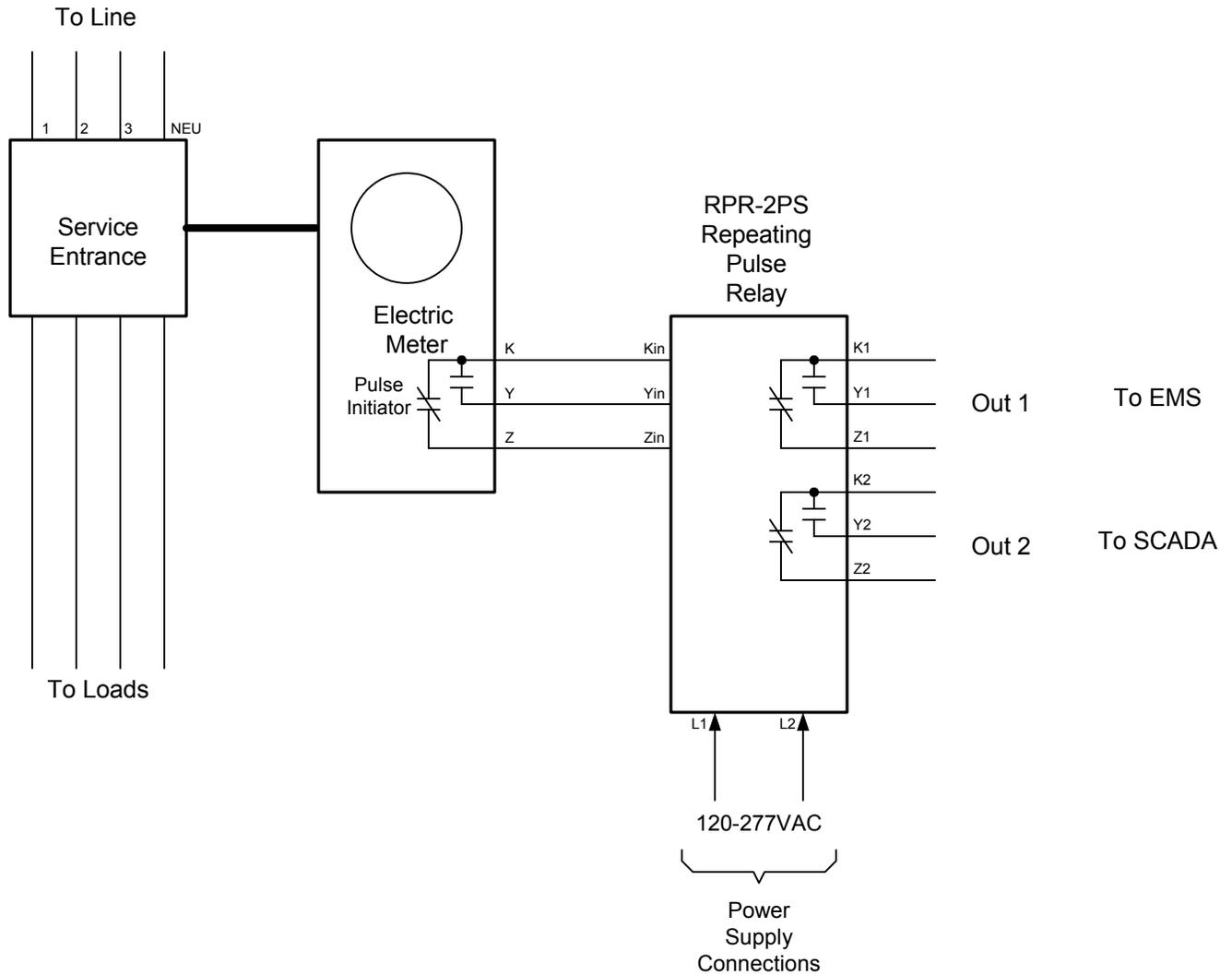
OUTPUTS - Two solid state three-wire isolated outputs are provided on the RPR-2PS. Transient voltage suppression for the solid state switching devices is provided internally.



SOLID STATE INSTRUMENTS

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RPR-2PS Wiring Diagram



RPR-2PS Repeating Pulse Relay Wiring Diagram		REVISIONS	
		NO.	DATE
DATE ORIGINAL	SCALE		
09/01/08	N/A		
LATEST REVISION	JOB NO.	CHECKED	DRAWN
			WHB

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