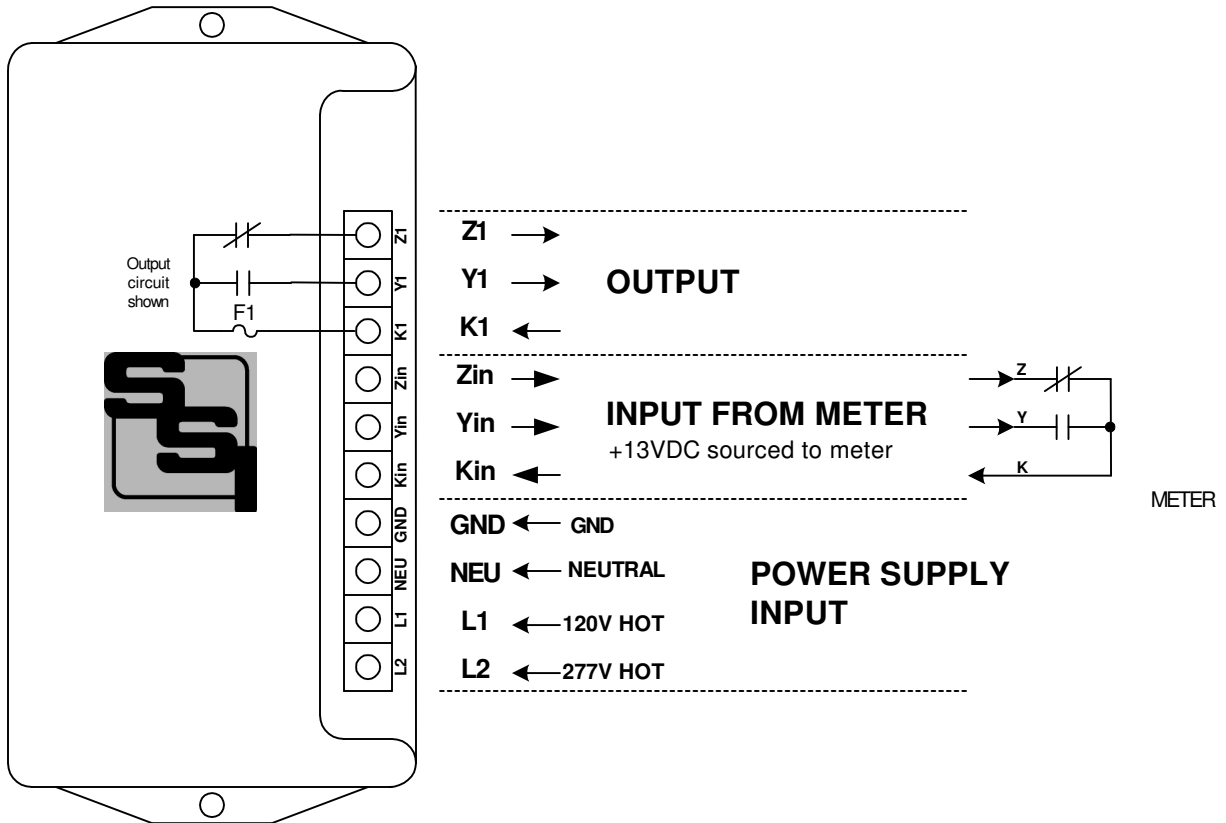


RPR-1PS

B Series

Elite Solid State

PULSE ISOLATION RELAY INSTRUCTION SHEET



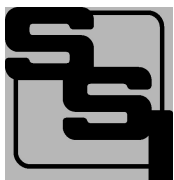
MOUNTING POSITION - The RPR-1PS B-Series can be mounted in any position.

POWER INPUT - The RPR-1PS can be powered by an AC voltage of between 90 and 300 volts. For **120VAC power**, connect the "hot" lead to the L1 terminal. Connect the neutral lead to the NEU terminal. Connect the GND terminal to electrical system ground. Leave the L2 terminal unconnected. For **277VAC**, connect the "hot" lead to the L2 terminal. Connect the neutral lead to the NEU terminal. Connect the GND terminal to electrical system ground. Leave the L1 terminal unconnected.

METER CONNECTIONS - The RPR-1PS' "Kin", "Yin" and "Zin" input terminals should be connected to the meter's "K", "Y" and "Z" terminals: "Kin" to "K", "Yin" to "Y", and "Zin" to "Z". The RPR-1PS' "Kin" terminal is the common return and system ground. The "Yin" and "Zin" terminals are pulled-up to +13VDC, which provides the wetting voltage to the pulse initiator.

FUSE - The fuse is type 3AG and may be up to 1/2 Amp in size. A 1/2 Amp fuse is supplied standard with the unit unless otherwise specified.

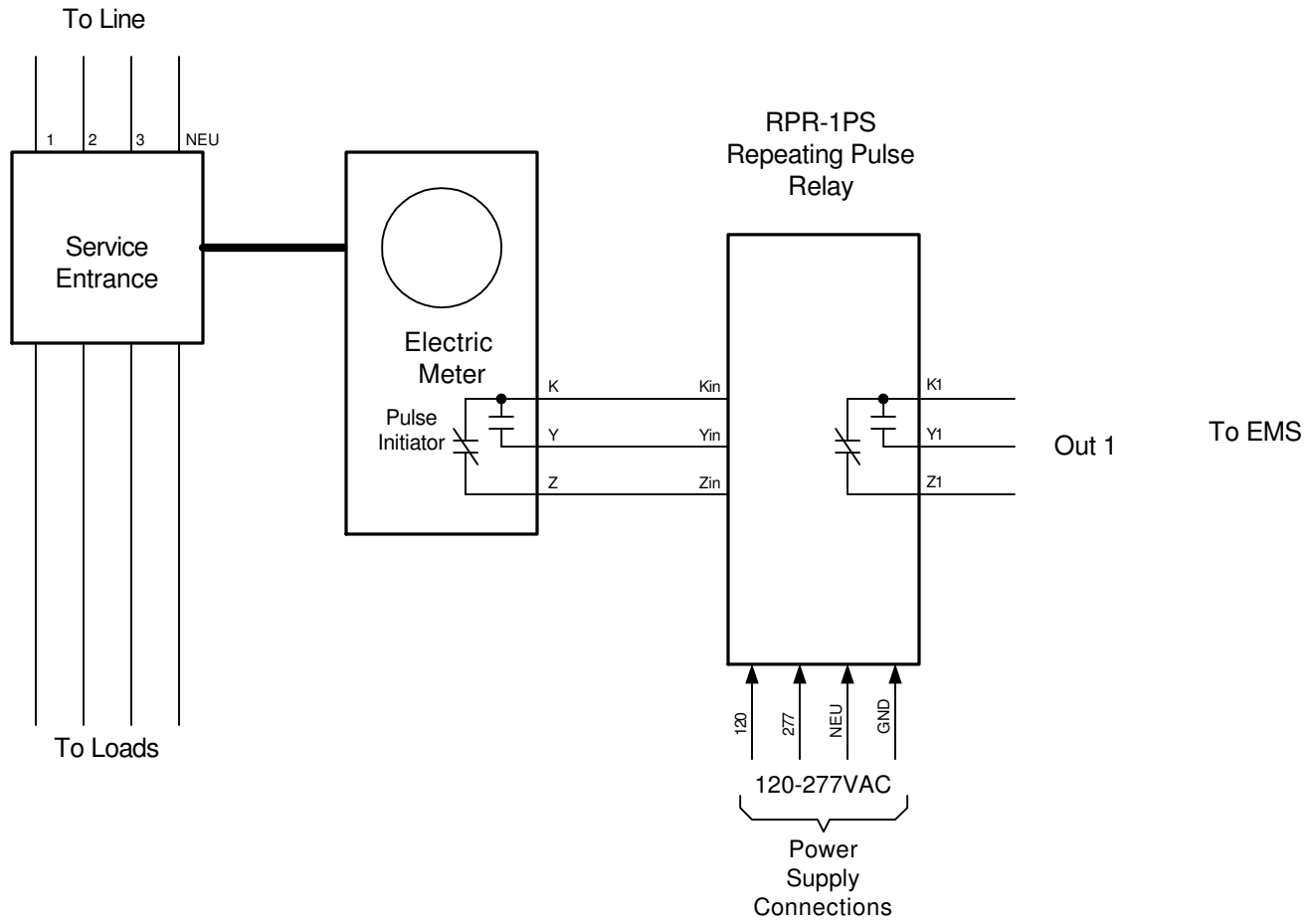
OUTPUT - One solid state three-wire isolated output is provided on the RPR-1PS. Transient voltage suppression for the solid state switching devices is provided internally.



SOLID STATE INSTRUMENTS

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RPR-1PS B-Series Wiring Diagram



RPR-1PS B-Series Repeating Pulse Relay Wiring Diagram		REVISIONS	
		NO.	DATE
DATE ORIGINAL	SCALE		
09/10/2013	N/A		
LATEST REVISION	JOB NO.	CHECKED	DRAWN
			WHB

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