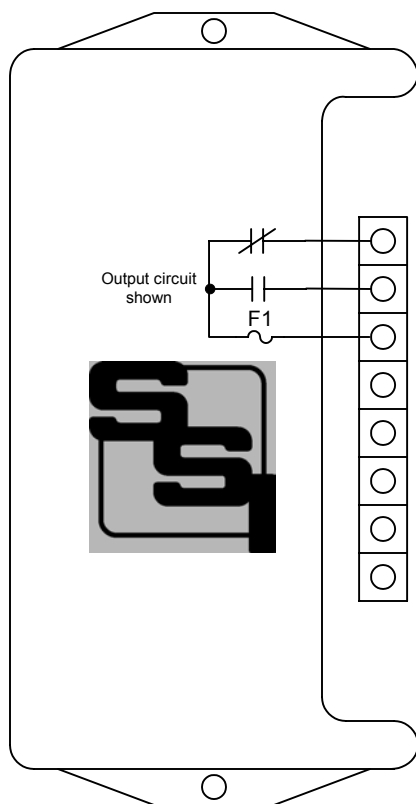


RPR-1PS

Elite Solid State

PULSE ISOLATION RELAY INSTRUCTION SHEET



Z1 →

Y1 → **OUTPUT**

K1 ←

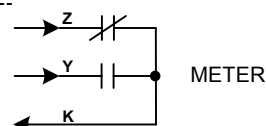
Z →

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

K ←

L2 ← Neu **POWER SUPPLY**

L1 ← Hot **INPUT**



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

POWER INPUT - The RPR-1PS 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-1PS' "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-1PS' "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 fuse is a 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.

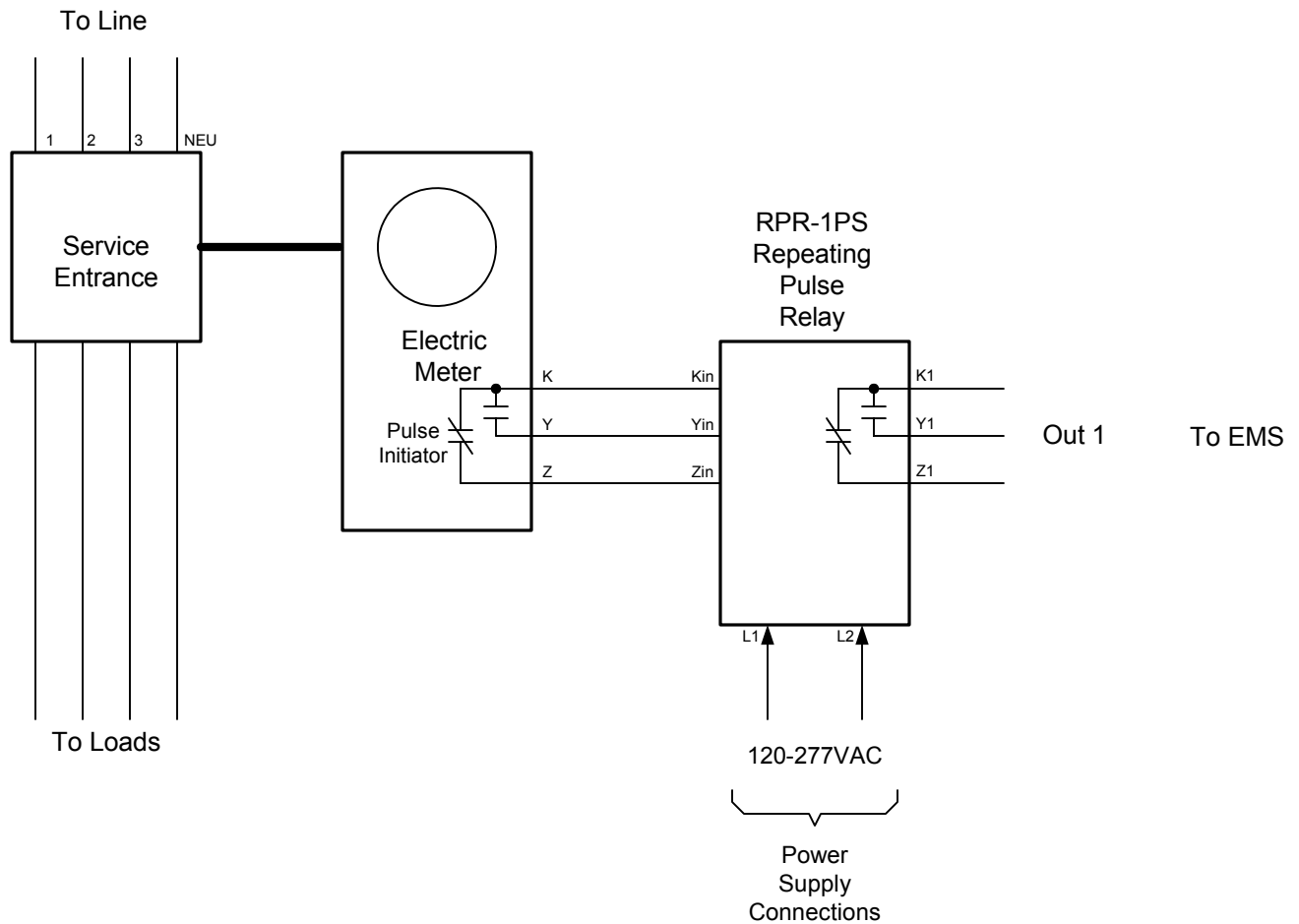
OUTPUT - One solid state three-wire isolated output is provided on the RPR-1PS. Transient voltage suppression for the solid state switching devices is provided internally.



SOLID STATE INSTRUMENTS

a division of Brayden Automation Corp.
6230 Aviation Circle, Loveland Colorado 80538
Phone: (970)461-9600 Fax: (970)461-9605
E-mail: support@solidstateinstruments.com

RPR-1PS Wiring Diagram



RPR-1PS Repeating Pulse Relay Wiring Diagram		REVISIONS	
		NO.	DATE
DATE ORIGINAL 09/01/08		SCALE N/A	
		LATEST REVISION	
JOB NO.		CHECKED	DRAWN WHB

**Brayden Automation Corp./
Solid State Instruments div.**
6230 Aviation Circle
Loveland, CO 80538
(970)461-9600
(970)461-9205 fax
www.solidstateinstruments.com