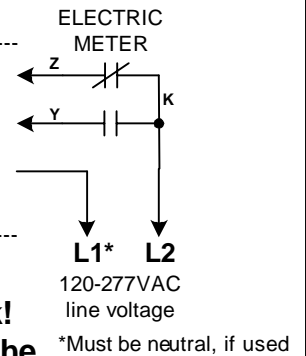
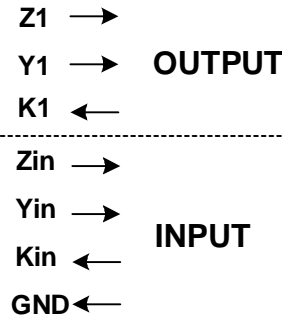
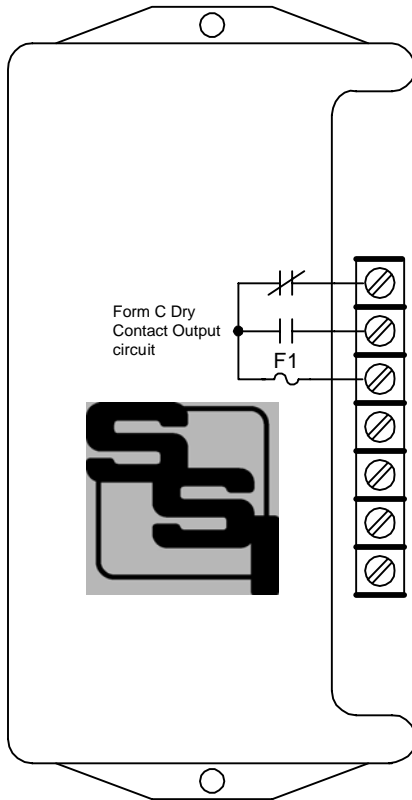


# RPR-1LS

*Elite Solid State*

# PULSE ISOLATION RELAY INSTRUCTION SHEET



**CAUTION - Risk of electric shock!**  
All circuitry on the input side of the RPR-1LS is at line voltage potential.

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

**INPUT** - The RPR-1LS is powered by an AC voltage of between 90 and 300 volts. Connect the L1 voltage of the AC line to the RPR-1LS' (relay) **Kin** terminal. Connect the L2 voltage of the AC line to the meter's **K** terminal. If Neutral is used, it must be connected to the **Kin** terminal. The RPR-1LS will not operate without all three wires between it, the power supply and the meter as shown in the wiring diagram on Page 2. Connect the RPR-1LS' **GND** terminal to the electrical system ground. The RPR-1LS' 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-1LS relay. The meter's **KYZ** pulse initiator must be rated for the line voltage used.

**FUSES** - The output fuse **F1** is a type 3AG and may be sized up to 1/2 Amp in size. A 1/2 Amp fuse (**F1**) is supplied standard with the unit unless otherwise specified.

**OUTPUT** - One 3-wire isolated output is provided on the RPR-1LS, with output terminals **K1**, **Y1** & **Z1**. The dry-contact output circuit is shown above. Arc suppression for the contacts of the solid-state relay is provided internally.



## SOLID STATE INSTRUMENTS

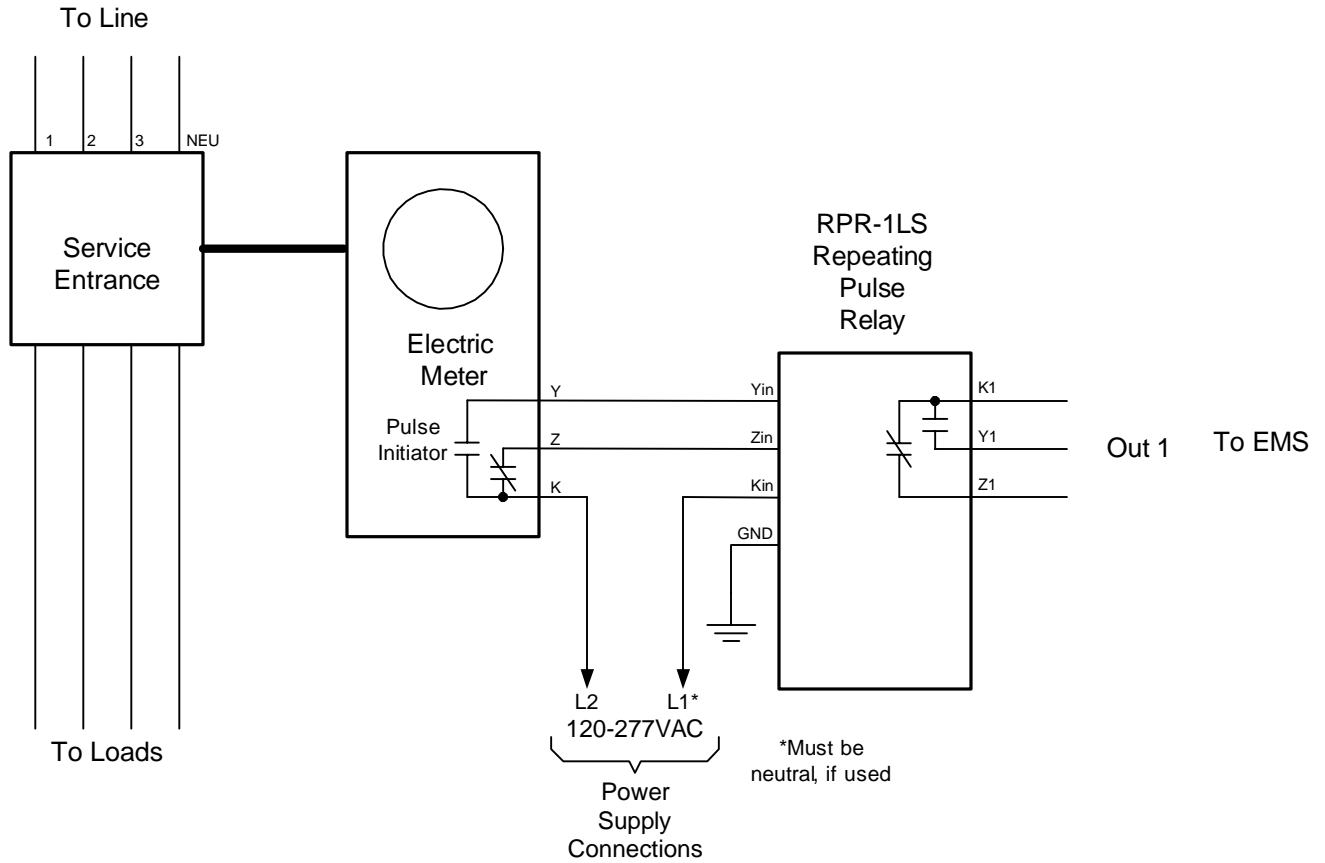
a division of Brayden Automation Corp.

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E-mail: support@solidstateinstruments.com

# RPR-1LS Wiring Diagram



RPR-1LS Repeating Pulse Relay Wiring Diagram

## REVISIONS

NO.	DATE	DESCRIPTION

DATE ORIGINAL  
07/27/10

SCALE  
N/A

LATEST REVISION

JOB NO.

CHECKED

DRAWN

WHB

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