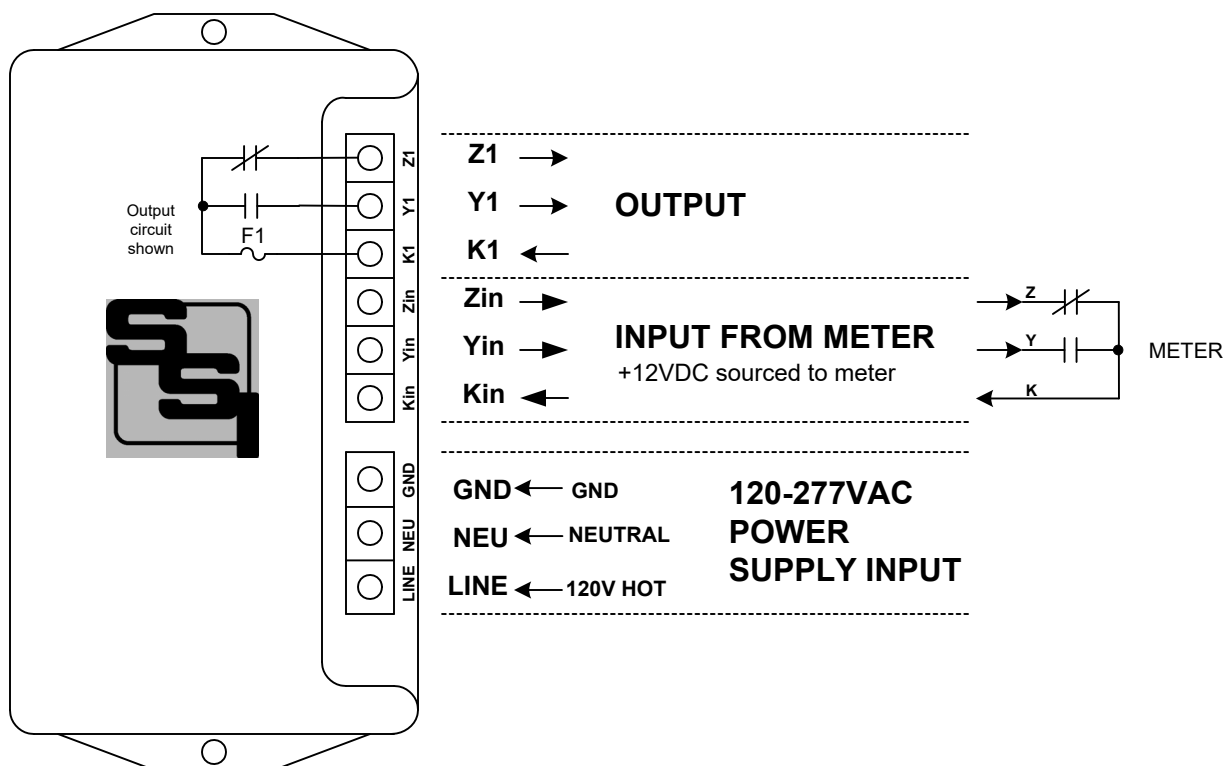


RPR-1PS

C Series

Elite Solid State

PULSE ISOLATION RELAY INSTRUCTION SHEET



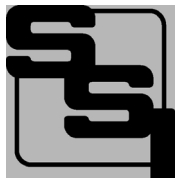
MOUNTING POSITION - The RPR-1PS C-Series can be mounted in any position.

POWER INPUT - The RPR-1PS can be powered by an AC voltage of between 90 and 300 volts. Connect the "hot" lead to the LINE terminal. Connect the neutral lead to the NEU terminal. Connect the GND terminal to electrical system ground. Connect the GND terminal to electrical system ground.

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 PTC automatically resettable type, with a 150mA rating.

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

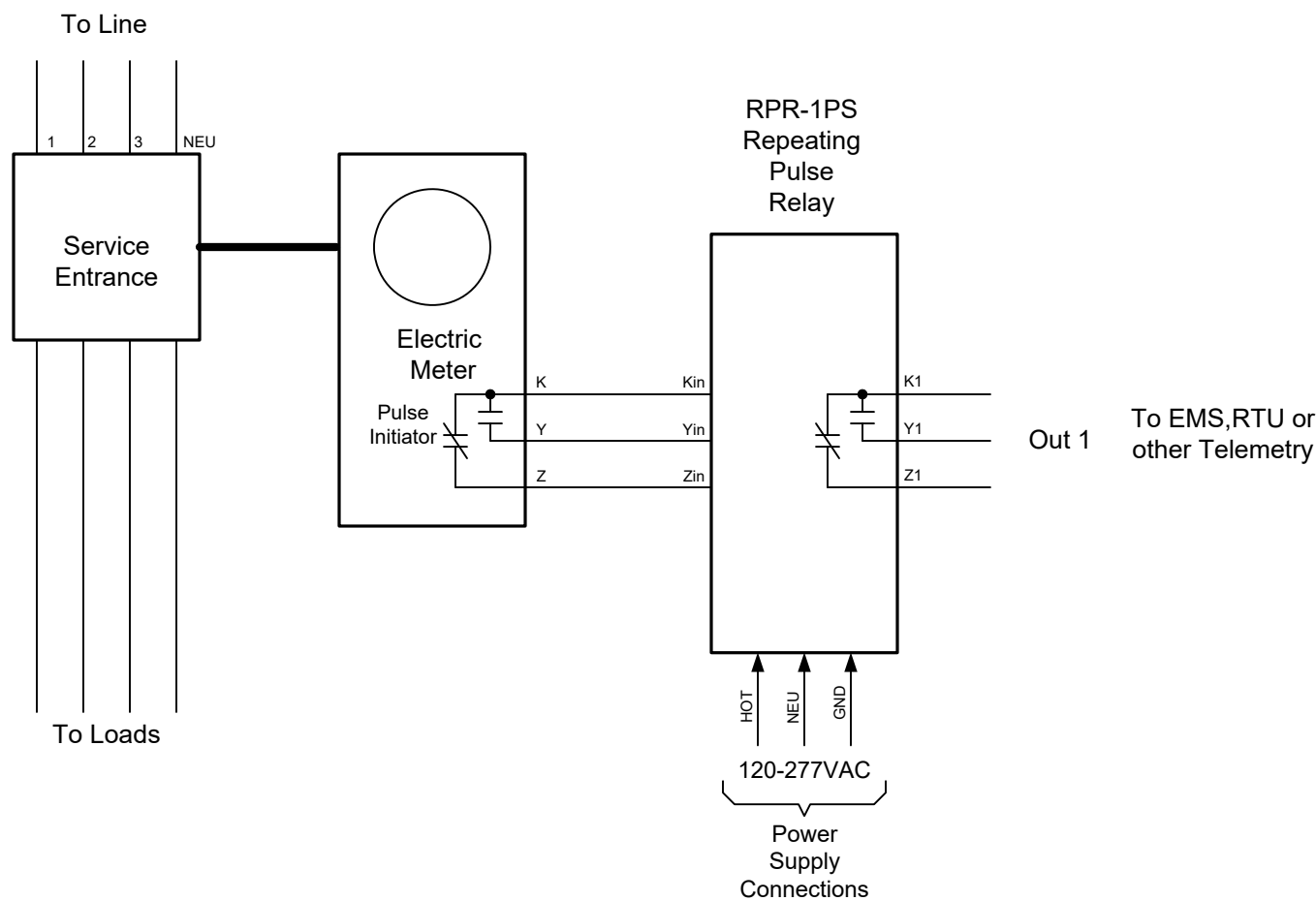
by Radian Research, Inc

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RPR-1PS C-Series Wiring Diagram



RPR-1PS C-Series Repeating Pulse Relay Wiring Diagram		REVISIONS		Solid State Instruments by Radian Research Inc 3852 Fortune Dr Lafayette, IN 47905 (765) 449-5576 technicalsupport@radianresearch.com www.solidstateinstruments.com	
		NO.	DATE		DESCRIPTION
DATE ORIGINAL	SCALE				
01/01/2025	N/A				
LATEST REVISION	JOB NO.	CHECKED	DRAWN		
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