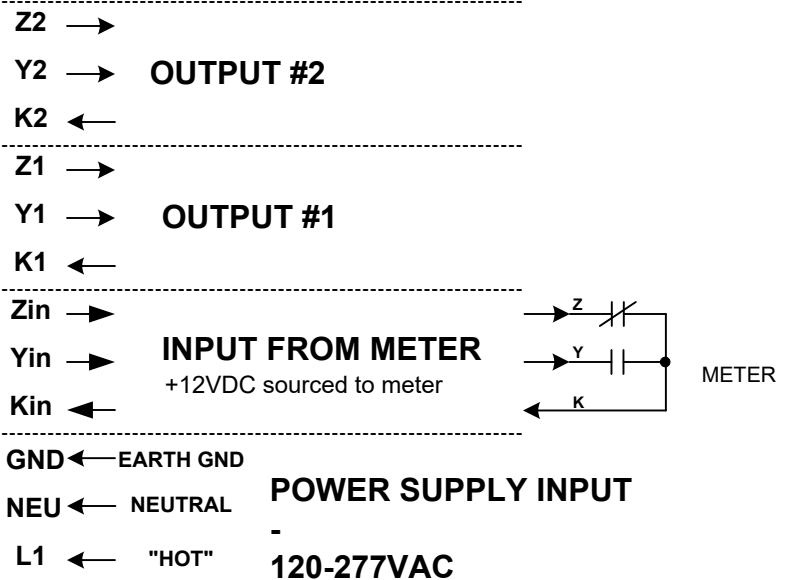
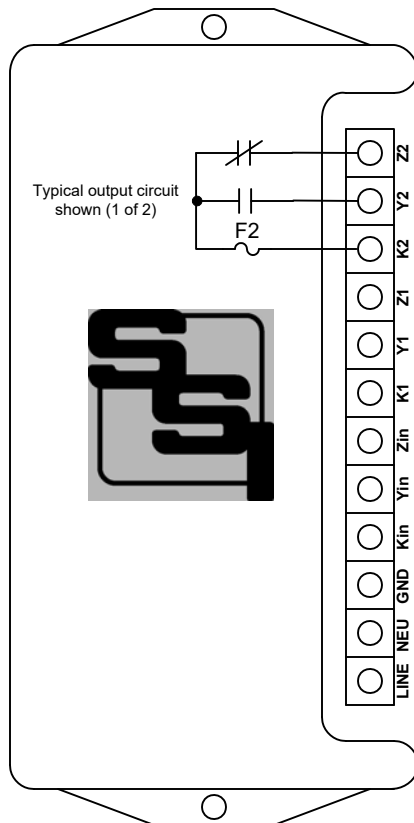


# RPR-2PS

C Series

*Elite Solid State*

## PULSE ISOLATION RELAY INSTRUCTION SHEET 120-277VAC INPUT



**MOUNTING POSITION** - The RPR-2PS contains solid state relays and can be mounted in any position.

**POWER INPUT** - The RPR-2PS is powered from an AC voltage source of between 90 and 300VAC. Connect the power supply's "hot" (+) lead to the **LINE** terminal. Connect the power supply's neutral lead to the **NEU** terminal. Connect the **GND** terminal to electrical system ground. If Neutral does not exist at the meter connect both **NEU** and **GND** to the electrical system ground. **NOTE: Connect Phase to Neutral only. DO NOT CONNECT Phase-to-phase.**

**METER CONNECTIONS** - Connect the RPR-2PS' "Kin", "Yin" and "Zin" input terminals to the meter's "K", "Y" and "Z" terminals: "Kin" to "K", "Yin" to "Y", and "Zin" to "Z". The RPR-2PS' "Kin" terminal is the common return and system ground. The "Yin" and "Zin" terminals are pulled-up to +12VDC, 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 dry-contact outputs are provided on the RPR-2PS. Transient voltage suppression for the solid state switching devices is provided internally.



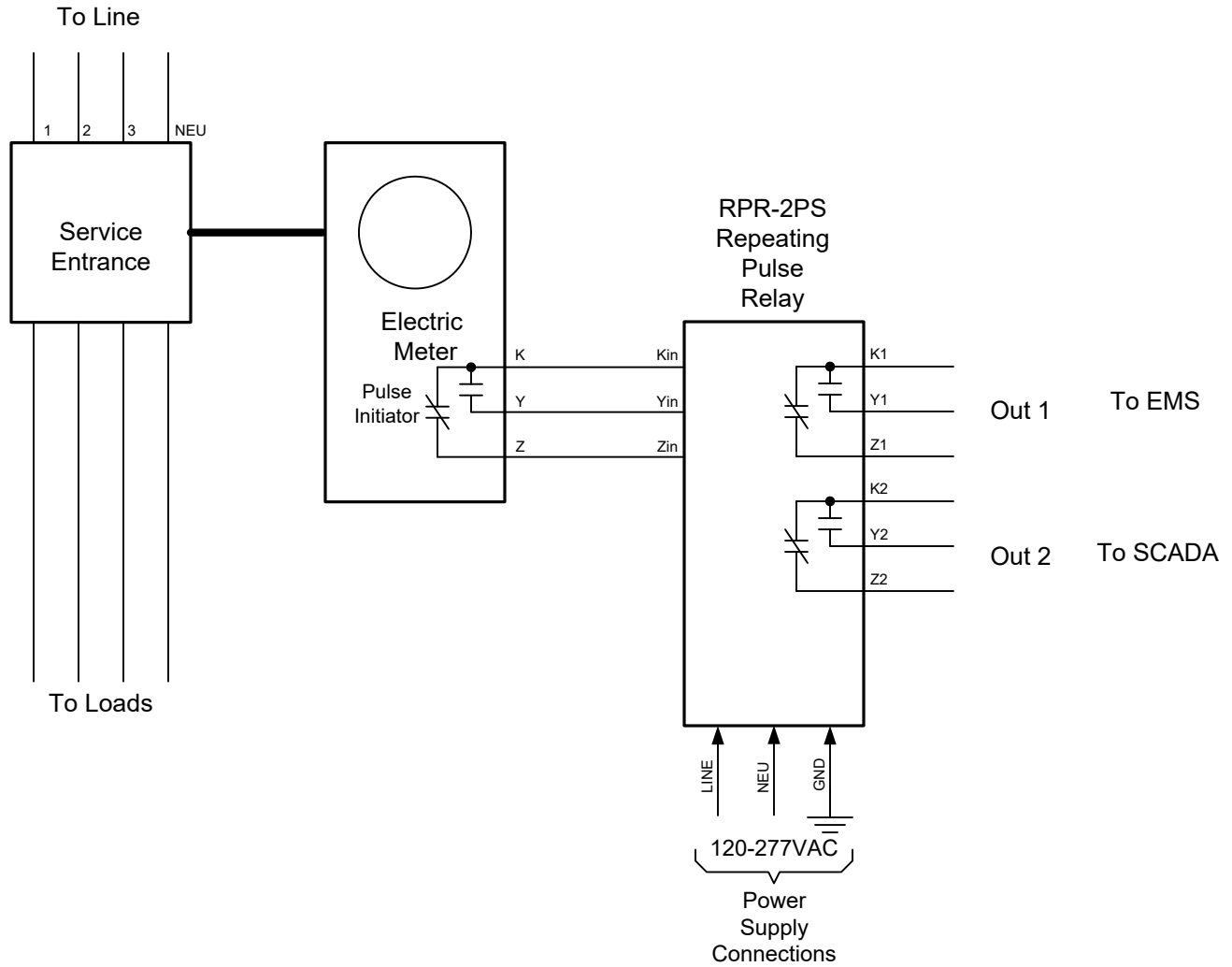
## SOLID STATE INSTRUMENTS

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# RPR-2PS C-Series Wiring Diagram



RPR-2PS C-Series Repeating Pulse Relay Wiring Diagram		REVISIONS		
		NO.	DATE	DESCRIPTION
DATE ORIGINAL	SCALE			
01/22/2024	N/A			
LATEST REVISION	JOB NO.	CHECKED	DRAWN	
			WHB	

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