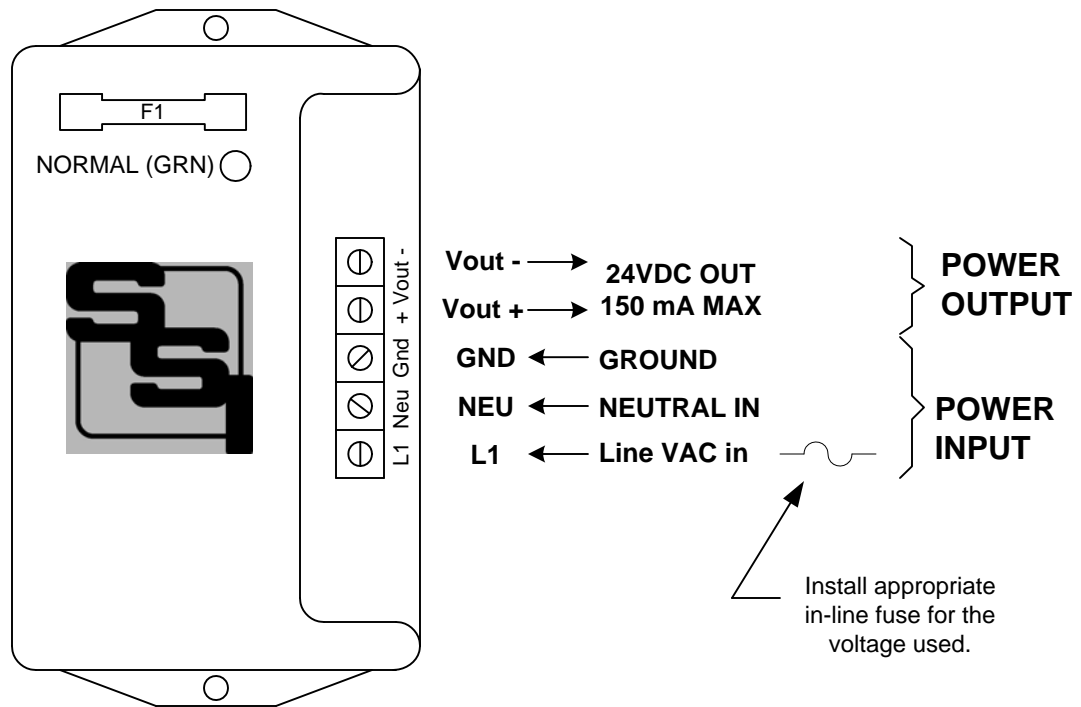


INSTRUCTION SHEET

MPS-2-24 METERING POWER SUPPLY



GENERAL - The MPS-2-24 is a power supply for KYZ Pulse Metering. It is designed to provide a "wetting" or sense voltage to the "K" terminal of a KYZ pulse initiator or an isolated dry-contact output. This sense voltage is switched on and off as the KY and KZ terminals are closed to source this voltage to another "downstream" device which does not supply its own wetting voltage.

MOUNTING POSITION - The MPS-2-24 can be mounted in any position.

POWER INPUTS - Connect the L1 terminal to the "hot" line voltage source with a voltage from 90 to 300VAC. An in-line fuse is recommended. Connect the neutral line to the NEU terminal. Connect the electrical system ground to the GND terminal. If no neutral exists at the metering location, connect the neutral terminal to the GND terminal and connect both to the electrical system ground. All three terminals must be connected.

OUTPUT POWER - The output is configured for 24VDC up to approximately 150mA max.

FUSE - A type 3AG fuse is provided and may be up to 1/4 Amp in size. A 1/4 Amp fuse is supplied standard.

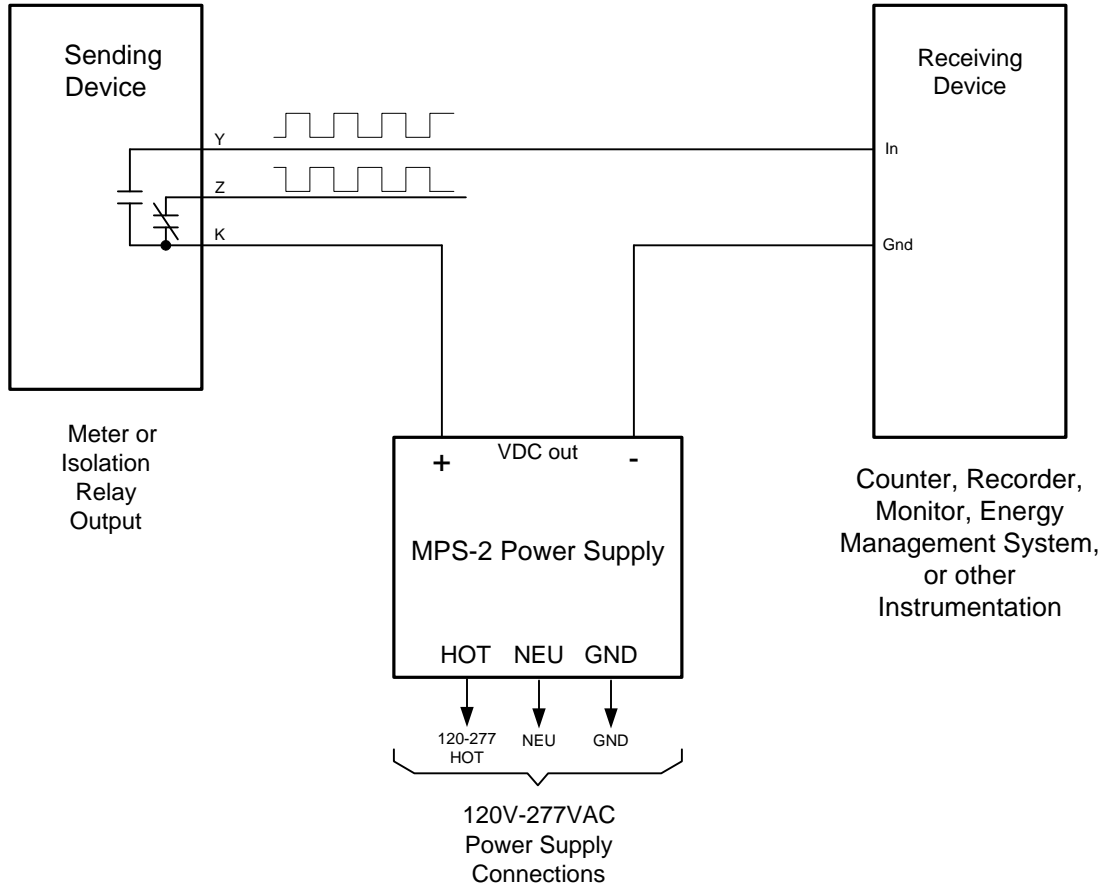
VOLTAGE INDICATOR - The Green (GRN) LED indicates the +24VDC is on and available at the output terminals.



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

MPS-2 Wiring Diagram



NOTES:

- 1.) The MPS-2 provides a wetting voltage to the dry contact of the "sending" device, usually a meter's pulse output or an isolation relay's output.
- 2.) The switched output(s) are received in the input of the "receiving" device.
- 3.) The power supply ground (-) and the receiving device's ground must be tied together to have a common reference.
- 4.) Only one output (Form A, 2-Wire configuration) is shown above.

MPS-2 WiringDiagram.vsd

MPS-2 Power Supply Wiring Diagram		REVISIONS	
		NO.	DATE
DATE ORIGINAL	SCALE		
3/23/15	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