MOUNTING POSITION - Because the MPT-8B contains a mercury-wetted relay, it must be mounted in a vertical position to operate correctly.

POWER INPUT - To power the MPT-8B with a 120VAC power supply, use the NEU and the L1 power supply input terminals. For 208, 240 or 277 VAC operation, use the NEU and L2 power supply input terminals.

METER CONNECTIONS - The MPT-8B's "K" terminal provides a common return to all of the meters' "K" terminals. The MPT-8B uses only 2-Wire (Form A) inputs. Connect each meter's "Y" terminal to the desired "Y" input terminal of the MPT-8. Each "Y" input provides its own wetting (sense) voltage to the meter's "Y" terminal. Each meter's pulse output can be dry-contact, electromechanical or solid state.

OUTPUTS - One three-wire isolated output is provided on the MPT-8B. Arc suppression for the contacts of the mercury-wetted relay is provided internally. The output loads should be limited to 2 Amps by fuse F1. A 1/2 Amp fuse is supplied standard with the unit unless otherwise specified.
NOTE: A Sense Voltage of +13VDC is applied to the meters via the "y" leads from the MPT-8B. The "K" lead is the common return.

Solid State Instruments, a Division of Brayden Automation Corp. Loveland, Colorado 80538 (970)461-9600

MPT-8B Electrician Wiring
MOUNTING POSITION - Because the MPT-8B-SP2 contains a mercury-wetted relay, it must be mounted in a vertical position to operate correctly.

POWER INPUT - The MPT-8B-SP2 is configured for a +125VDC power supply input. Connect the "+" lead to the L1 power supply input terminal. Connect the Ground lead (-) to the NEU terminal.

METER CONNECTIONS - The MPT-8B-SP2's "K" terminal provides a common return to all of the meters' "K" terminals. The MPT-8B-SP2 uses only 2-Wire (Form A) inputs. Connect each meter's "Y" terminal to the desired "Y" input terminal of the MPT-8-SP2. Each "Y" input provides its own wetting (sense) voltage to the meter's "Y" terminal. Each meter's pulse output can be dry-contact, electromechanical or solid state.

OUTPUTS - One three-wire isolated output is provided on the MPT-8B-SP2. Arc suppression for the contacts of the mercury-wetted relay is provided internally. The output loads should be limited to 2 Amps by fuse F1. A 1/2 Amp fuse is supplied standard with the unit unless otherwise specified.
NOTE: A Sense Voltage of +13VDC is applied to the meters via the “Y” or “Z” leads from the MPT-8B-SP2. The “K” lead is the common return.

DC POWER INPUT
- FOR 125VDC, USE L1 AND NEU INPUTS
- DO NOT USE L2 INPUTS

METER OR ENERGY METER #1
METER #2
METER #3
METER #4
METER #5
METER #6
METER #7
METER #8

METER TOTALIZER MPT-8B-SP2