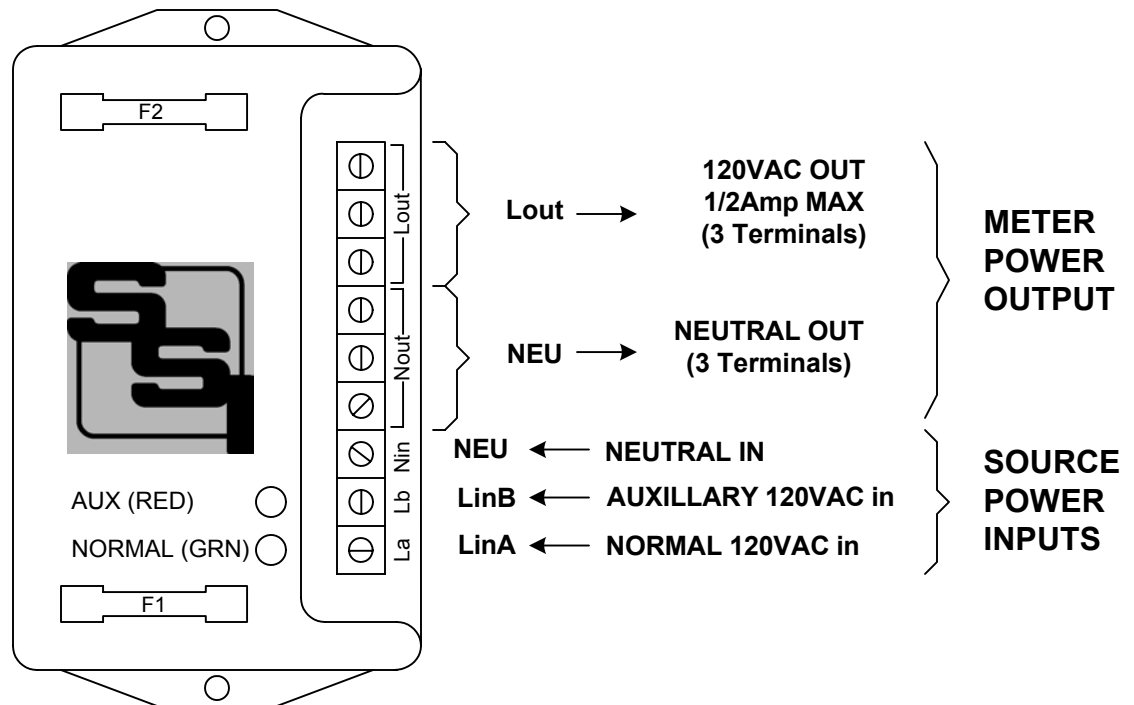


# INSTRUCTION SHEET

## APU-1B POWER SWITCHOVER DEVICE



**MOUNTING POSITION** - The APU-1B can be mounted in any position.

**POWER INPUTS** - The APU-1B is an auxillary power source switchover device. When power is present at the Normal 120VAC input (terminal #1), it is available at the Meter Power Output (terminals 7-9). If power to the Normal input fails, the output is switched over to the Auxillary 120VAC power source.

**POWER CONNECTIONS** - 120VAC ("hot") NORMAL power supply is connected to terminal #1. The 120VAC AUX power supply ("hot") is connected to terminal #2. Neutral In is connected to terminal #3. Neutral connections for output are on terminals #4, 5 and 6. Terminals #7, 8 and 9 are the 120VAC OUTPUT (hot) to the meter.

**OUTPUT RATING** - The output consists of relay equipped with gold contacts to insure excellent continuity of the contacts since switching action is infrequent. As such, current is limited to 1/2 Amps @ 120VAC. Do not exceed this rating.

**FUSES** - A type 3AG fuse is in series with each power input on terminals #1 and #2 and may be up to 1/2 Amp in size. A half (1/2) Amp fuse is supplied standard on each input of the unit.

**VOLTAGE SOURCE INDICATOR** - The Green (GRN) LED indicates power being supplied to the meter from the Normal voltage source. The RED LED indicates that power is being supplied from the Auxillary voltage.



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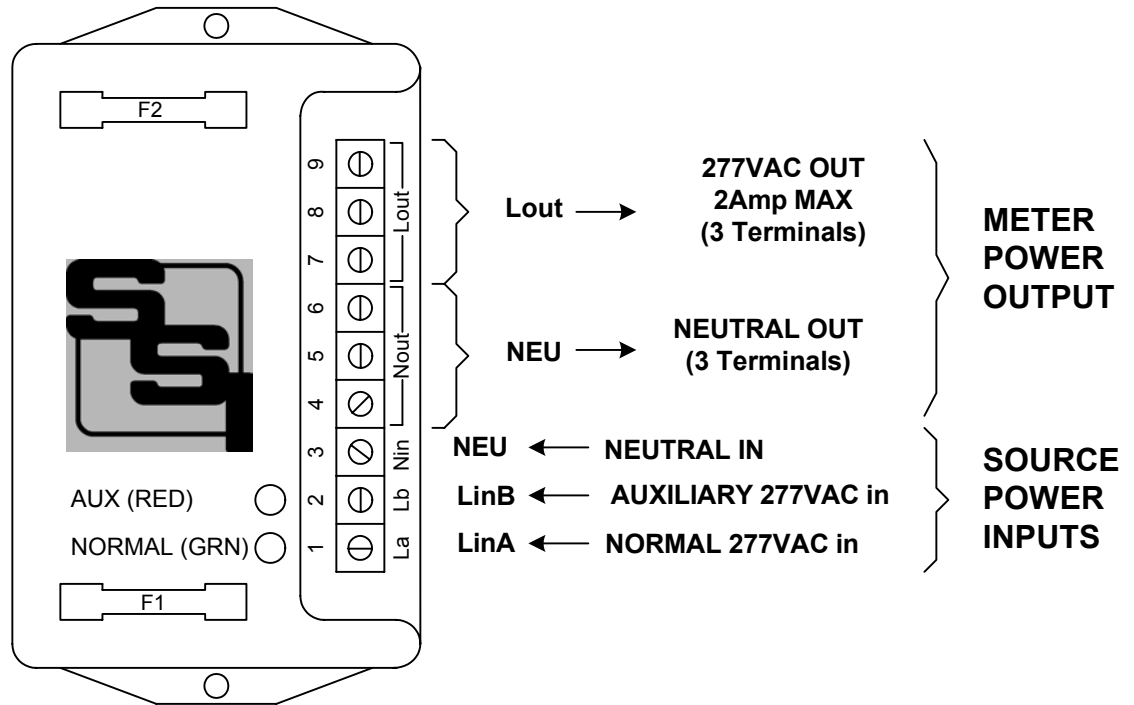
6230 Aviation Circle, Loveland, Colorado 80538

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E-mail: support@solidstateinstruments.com

# APU-1C INSTRUCTION SHEET

## POWER SWITCHOVER DEVICE-277VAC



**MOUNTING POSITION** - The APU-1C can be mounted in any position.

**POWER INPUTS** - The APU-1C is an auxiliary power source switchover device. When power is present at the Normal 277VAC input (terminal #1), this voltage is routed to the Meter Power Output (terminals 7-9). If power to the Normal input fails, the output is switched over to the Auxiliary 277VAC power source.

**INPUT POWER CONNECTIONS** - Connect the 277VAC NORMAL ("hot") phase to the "La" terminal (#1). Connect the 277VAC AUX ("hot") phase to the "Lb" terminal (#2). Connect the Neutral from the source to the "Nin" terminal (#3).

**OUTPUT POWER CONNECTIONS** - Neutral output connections are on the "Nout" terminals (#4, 5 and 6). The "Lout" terminals (#7, 8 and 9) are the 277VAC OUTPUT (hot) to the meter. Three terminal positions are available on both Line and Neutral output groups for connecting multiple loads.

**OUTPUT RATING** - The output consists of relay equipped with gold contacts to insure excellent continuity of the contacts since switching action is infrequent. As such, current is limited to 2 Amps @ 277VAC. Do not exceed this rating.

**FUSES** - Two type 3AG fuses are in series with each power input on terminals #1 and #2 and may be sized up to 2 Amps in size. Two 2 Amp fuses are supplied standard on each voltage input.

**VOLTAGE SOURCE INDICATOR** - The Green (GRN) LED indicates power being supplied to the meter from the Normal voltage source. The RED LED indicates that power is being supplied from the Auxiliary voltage source.



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