



SPECIALTY DEVICES

APU-3 AUXILIARY SWITCHOVER DEVICE

DESCRIPTION

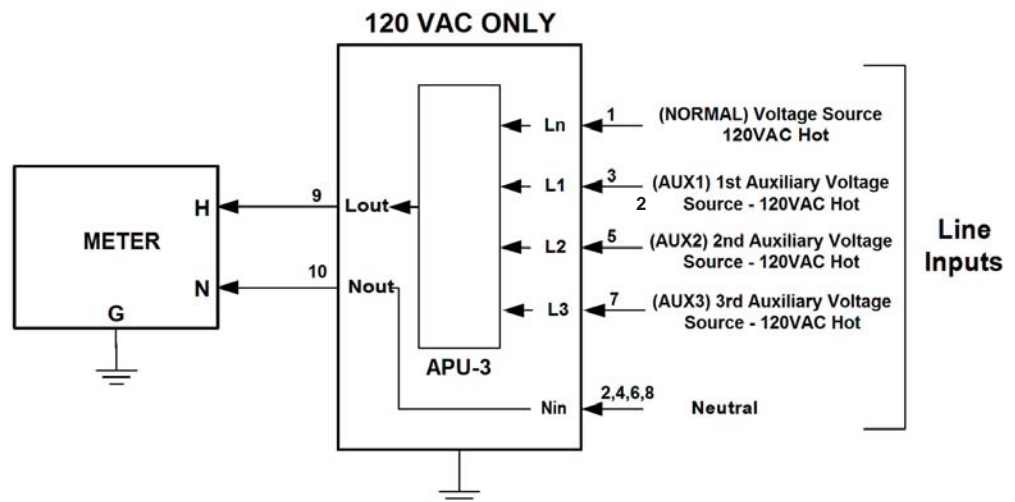
The APU-3 Series are auxiliary power switchover devices designed for instrument metering applications. In the event of power loss to the meter from the primary source, the APU-3 automatically switches the meter potential to one of three auxiliary sources. By using this approach, potential loss of revenue is avoided.



The APU-3 is for 120 VAC applications. The application for the APU-3 is metering configurations where two or more services are provided to the customer, but meter potentials are only on one service. To insure that the meter is always energized and measuring energy use, the APU-3 switches from the primary source to one of 3 auxiliary source if the primary source is lost.

When power to the meter is interrupted, the 1st alternative power source take over, contacts close and the meter remains powered. If the 1st alternative power source drops out, the APU-3 will automatically switch to the "2nd alternative" power source and so on. The APU-3 will always select the highest alternative power source available and will always run (or switch back to) the normal power source if it senses 120 VAC present. The same phase of each service should be used to insure that there is no potential difference between the phases if they are both powered. Housed in a NEMA 1 enclosure for maximum electrical protection, the APU-3 is normally mounted next to the meter enclosure to make wiring fast and convenient, suitable for the user's intended application.

APU-3





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SPECIFICATIONS

ELECTRICAL

| | |
|-----------------|----------------|
| Power Input: | APU-3 –120 VAC |
| Output Voltage: | APU-3 –120 VAC |
| Output Current: | 3 Amp Max |

MECHANICAL

| | |
|------------|---------------------------|
| Mounting: | Any position |
| Size: | 8" wide, 8" high, 4" deep |
| Weight: | 6 ounces |
| Enclosure: | NEMA 1 hinged door |

TEMPERATURE

| | |
|--------------------|-------------------------------------|
| Temperature Range: | -40° C to +85° C; -40° F to +185° F |
| Humidity: | 0 to 98% non-condensing |

AVAILABLE OPTIONS

| | |
|-----------------|-----------------|
| Input Voltages: | Contact Factory |
|-----------------|-----------------|

APU-3