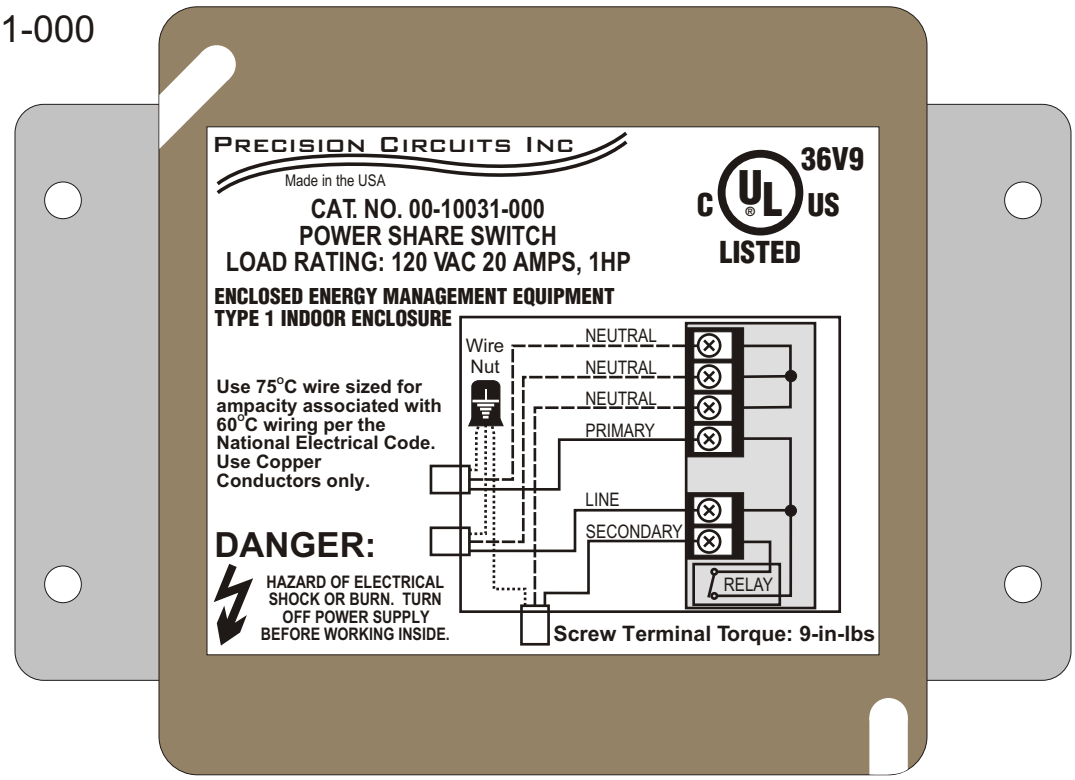
Precision Circuits Inc

00-10031-000



Power Share Switch (PSS)

Power Share Switch (PSS) provides the capability to wire two appliances to a single circuit breaker. The Primary appliance never losses power. The Secondary appliance is allowed to run as long as the Primary is not drawing current. Power to the Secondary appliance is turned off whenever the Primary Appliance is drawing current.

The wiring is pretty simple. The three ground wires are wire nut together. The three neutral wires are wired to the three neutral screw terminals. The Line screw terminal is wired to the Circuit Breaker, and the Primary and Secondary appliances are wired directly to their screw terminals. Since the current sensing is done on the board, the Appliance wiring connects directly to the screw terminal.

PSS uses a Normally Closed relay which provides two benefits. Additional High Pot testing inside the **PSS** of the secondary appliance wiring is NOT required as is on competitive units. Also, should the **PSS** product fail in the field, the limp home feature is that everything works, just without the power sharing feature

Key Features:

1. Power Share of Two appliances on one Circuit Breaker
2. Everything Works Limp Home Feature due to Normally Closed Relay Contact
3. No additional High Pot Testing