

**Advanced Control Technologies, Inc.**

ETL Document – Differences between ZCS000, ZCU001 and the ZCU000

Project: ZCS000

Project No.: 0707-01

Project Engineer: Chad Snead

**Purpose:** The purpose of this document is to describe the differences between the ZCU000 and the ZCS000 and ZCU001.

**ZCS000:**

The ZCS000 is an RS232 based version of the ZCU000. It uses the exact same RF module as the ZCU000. The ZCS000 is powered by an external 9VDC wall mount transformer, whereas the ZCU000 is self powered (obtains its power through the USB port). The ZCS000 uses the same application board as the ZCU000, but has a daughter board attached to it, with the RS232 transceiver chip and Power Jack on it.

**ZCU001:**

The ZCU001 is a ZCU000 with an external 9VDC wall mount transformer, whereas the ZCU000 is self powered (obtains its power through the USB port). The ZCU001 uses the same application board as the ZCU000, but has a daughter board attached to it, with the Power Jack on it. This is the same daughter board used on the ZCS000 without the RS232 transceiver populated.