

September 30, 2010

re: New actuator design

Dear valued customers

Since VICI microelectric actuators were introduced in the early 1990s, some of the electronic components used in the design have become increasingly expensive and difficult to obtain. Therefore, in order to keep costs down and improve product quality and reliability, the two position microelectric actuator controller has been redesigned. The new design uses surface mount technology, and is CE, WEEE, and RoHS compliant.

The change involves *only* the control module (model numbers EHCA-CE and EDCA-CE, etc.), the black metal enclosure for the PC board which controls the actuator motor. The new design is approximately the same size as the original, but has an ABS housing. All external connections are the same.

Changes include:

- A single control module works with all five motor/gearbox versions. The module is set at the factory for the version ordered, but can be user-set by a switch on the PC board.
- RS-232 is still supported, but a switch on the PC board enables RS-485.
- New serial commands allow greater functionality.
- The mounting hole pattern (four 8-32) is slightly different.
- Revisions add new features and enhance backward compatibility.

For more information, download Technical Note 421 at [www.vici.com/support/tn/tn421.pdf](http://www.vici.com/support/tn/tn421.pdf), or call (800) 367-8424.

