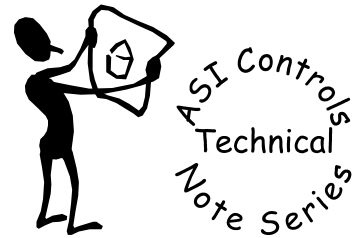




New ASIC/2-7040 Transformer

Affects: Power-up Self Test

Date: 21 January 2004



Note No. TE022

New ASIC/2-7040 Transformer

In 2003 a version of the ASIC/2-7040 came into production with Firmware version 740E2.1 & 740E 2.4 with a new transformer which produces a slightly higher unregulated voltage. The new transformer is marked 14313-D.

This causes the unregulated voltage self test to fail. However there is no problem with the controller. A new firmware version FW740E2.6 corrects this problem.

The ASIC/2-7040 controller self test is performed on power-up, or reset of power. The self test is displayed briefly using the 2 Red, 2 Green, and 4 Amber LEDs.

- 1) The 8 LEDs come on briefly
- 2) The Red and Green LEDs go off for about 1 second.
- 3) The self test result is shown for about 2 seconds.

Successful test shows with the LEDs lit.

If the unregulated voltage is Too High or Too Low, then both the +12V OK and +15 V OK tests fail with the Green and Red Lights Off. The self test diagnostic flags in the System object also indicate the failure, even though there is no problem with the controller.

If you have any further questions please contact:
ASI Controls Technical Support
support@asicontrols.com,
or call 925-866-8808

1	2	3	
			Clock OK
			+12 V OK
			+15 V OK
			Zero X OK
			EE OK
			RAM OK
			Alloc OK
			Self Test OK