

AT6250 & AT6450

Product & Documentation Enhancements

Topic	Description
New Documentation Set	The AT6250/AT6450 User Guide (p/n 88-014179-01), which combined hardware and software documentation together in one document, is replaced by this document, AT6250/AT6450 Installation Guide (p/n 88-016412-01). This document describes how to install and troubleshoot the AT6250 and AT6450 hardware. Programming related issues are covered in the 6000 Series Programmer's Guide (p/n 88-014540-01) and the 6000 Series Software Reference (p/n 88-012966-01).
Miscellaneous Corrections and Clarifications	<p>Corrections:</p> <ul style="list-style-type: none">• The end-of-travel limit inputs (CW & CCW, home inputs (HOM), drive fault inputs (DFT), enable input (ENBL), and joystick inputs (pins 15-19 on the JOYSTICK connector) are HCMOS compatible (switching levels: low \leq 1.00V, high \geq 3.25V). Previously, they were documented as TTL compatible (low \leq 0.4V, high \geq 2.4V).• Recommended connections to the Dynaserv drive have been changed: connect the Dynaserv's pin #50 (AGND) to the AT6n50's AGND terminal (instead of to the CMD-terminal, as previously documented). <p>Clarifications:</p> <ul style="list-style-type: none">• All inputs and outputs are optically isolated from the internal microprocessor (not from the other inputs and outputs).• Programmable I/O pullup voltage reference: You must select <u>either</u> the on-board +5V terminal <u>or</u> an external 5-24VDC power supply to power the IN-P or OUT-P pull-up resistors. Connecting IN-P or OUT-P to the +5V terminal <u>and</u> to an external supply will damage the AT6n50.