

AMCI 3401 Module Expands Motion Control into POINT I/O for Allen-Bradley PLCs

AMCI continues to expand its motion control product line with the release of their 3401 stepper motor control module for Allen Bradley's Point I/O. The 3401 module is 100% compatible with Allen-Bradley's distributed I/O network and has the lowest cost per axis of all the motion control modules available for Allen Bradley PLCs.

Terryville, CT December 23, 2005 - Advanced Micro Controls, Inc. (AMCI), a Connecticut based industrial controls company, announced the release of the [3401 stepper motor control module for Allen-Bradley's Point I/O](#). Boasting seamless integration into Allen-Bradley's distributed I/O network, the 3401 module is ideal for applications where low-cost of ownership are key for successful control system design and operation.



Exploring the module's other benefits; Sales Manager Leo Brennan explains "The 3401 has the lowest per axis cost of all the motion control modules available for Allen Bradley PLCs. We found customers were looking for a motion control solution that provided all of the functionality of a standard motion controller but had some of the cost advantages of the Point I/O system. AMCI responded by designing the 3401. The unique design of the Point I/O system allows the I/O to be distributed throughout the machine instead of being located in one central panel. This provides overall savings in wiring and can lead to a more modular machine design."

The 3401 Point IO card marks AMCI's fifth stepper motor controller module solution for Allen Bradley PLCs. When asked how AMCI is able to develop so many integrated PLC module solutions, Sales Engineer Matthew Tellier stated "As the original third party supplier with Rockwell Automation, AMCI's long standing partnership with Allen Bradley (<http://www.amci.com/plc-modules/allen-bradley-encompass-partner.asp>) enables our company to quickly engineer solutions for new platforms, providing a more complete control system for our customers. This close relationship guarantees a finished product that is 100% compatible with Allen Bradley PLCs for true plug and play functionality."

AMCI's 10 years of experience in developing stepper modules has led to an efficient programming structure that capitalizes on user-friendly commands that are simple to implement. A relative move, absolute move, or a manual move can be executed with just one rung of logic.

Additionally, the 3401 module has two sinking inputs, which can be used for homing and limit switch operations, and step and direction output signals that interface to any of AMCI's [SD stepper drives](#) or the recently released [SMD family of integrated stepper drive/motor packages](#). By using standard output signals, the 3401 module can also integrate with other manufacturers' stepper drives and even servo systems, such as the Allen Bradley Ultra series of drives that can be controlled by step and direction signals. Learn more about AMCI's 3401 Stepper Control Module for Point I/O [more info »](#)

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