

1756 ControlLogix Integrated Motion Module Migration

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AMCI is pleased to announce the release of a direct plug-in replacement option for Rockwell Automation's 1756-M02AE module. This new offering comes as Rockwell Automation prepares to phase out the 1756 ControlLogix-M02AE module by December 2024.

AMCI, recognized through Rockwell Automations Technology Partner Program and long-standing relationship, was the natural choice to take on the manufacturing responsibility for this critical product migration.

The replacement module ensures seamless integration with existing setups, featuring form and fit compatibility with no need for modifications. It maintains identical I/O signals and interfaces with Allen-Bradley PLCs through EtherNet/IP.

Ideal for closed-loop motion control applications that require analog motion. This interface offers a $\pm 10V$ analog output-command reference and supports a variety of position feedback devices. As many as two axes can be controlled per module, and multiple modules can be used to provide as many as 32 axes of control per ControlLogix controller.

Key features of the replacement module include integrated home limit switch inputs, drive fault inputs, drive enable outputs, and 5V or 24V position registration inputs. It ensures rapid position and velocity loop updates at 250 μs intervals, catering to applications with quadrature encoder feedback requirements.

For more information about AMCI's direct replacement solution for Rockwell Automations 1756-M02AE module, please visit:
<https://www.amci.com/plc-automation-products/1756-controllogix-integrated-motion-modules/>

Or contact an AMCI Sales Representative:
<https://www.amci.com/contact/sales-team/>

About Advanced Micro Controls Inc.

Founded in 1985, Advanced Micro Controls, Inc. (AMCI) is a leading U.S. based manufacturer with a global presence. AMCI industrial control products improve





PLC-based automation systems with specialized position sensing and motion control technology that simplifies automation and adds reliability to manufacturing processes. AMCI designs and manufactures all of their products, enabling superior quality and innovation. The company provides 24/7 technical support staff, ready to answer questions about installation, configuration and operation of all AMCI products.

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