

## New E2 Technology for SMD Series Integrated Motors

Terryville, CT – Advanced Micro Controls Inc. (AMCI), releases their new “E2 Technology” within the company’s lineup of PLC-based SMD Series “all-in-one” stepper motor + drive + controllers. AMCI’s new E2 Technology makes moving from one industrial Ethernet protocol to another simple; without the need to physically switch parts. AMCI’s SMD Series with E2 Technology come standard with EtherNet/IP, Modbus-TCP, and Profinet built into each unit. The SMD Series contains sophisticated features at a low price point, and integration eliminates the need to purchase multiple components. AMCI’s SMD Series integrated solutions are ideal for new installations, and for retrofitting new machinery used in rapid-changeover manufacturing.

### E2 Technology

- Dual-Port Networking
- Multi-Protocol
- Web Server
- Native Software

The embedded dual-port network switch simplifies product daisy chaining, adds flexibility to any network architecture, and supports redundant protocols like DLR (device level ring) and MRP (media redundancy protocol). AMCI’s SMD E2 Series units come standard with EtherNet/IP, Modbus-TCP, and Profinet built in. The integrated web server facilitates simple network type selection and IP address configuration. As with all of AMCI’s products, programming is performed using the host PLC/PAC software, eliminating the need to learn a new programming environment. The results are seamless integration, intuitive troubleshooting, and valuable time savings.



AMCI’s SMD Series integrated stepper motors provide a complete solution, offering a wide variety of options for exceptional performance across a range of applications. With the addition of NEMA size 17 packages, options now include NEMA size 17, NEMA size 23, NEMA size 24, and NEMA size 34, with torque ranging from 80 oz-in (0.56 N-m) to 1100 oz-in (7.77 N-m). Features such as SynchroStep™ technology, optional integrated encoder (incremental or multi-turn absolute), IP67 rated versions, gearboxes, and compatible cord sets make it easy to optimize any motion application.

AMCI has been a trusted source of PLC-based motion controls for over 30 years, and released their first SMD Series product over 10 years ago. The SMD Series has earned partnerships with leading names in the industry including Rockwell Automation (listed as an Encompass Product), IDEC Corporation (offered as an integrated solution for the FC6A MicroSmart PLC as ISMD Series), and Wittenstein (partnered to sell CP and NP series gearboxes).

For more information, please visit: <https://www.amci.com/plc-automation-products/motion-control/integrated-solutions/motor-drive-controllers/>



**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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