



FACTORY AUTOMATION

News Release

New Mitsubishi Electric Automation Servo Amplifier has EtherCAT Connectivity Solution

VERNON HILLS, Ill. - July 25, 2012 - [Mitsubishi Electric Automation, Inc.](#) has launched a new line of servo motion products that support connectivity over the [EtherCAT](#) network. The MR-J3-xA-RJ158, offered as part of the MELSERVO MR-J3 family, is an AC servo drive designed to provide users with connectivity to Mitsubishi Electric high-performance servo amplifiers over EtherCAT communication. It connects with the MR-J3-T04 unit that is part of the required construct for the EtherCAT solution, and also houses the EtherCAT interface RJ45 connectors. With this solution, Mitsubishi Electric offers connectivity to EtherCAT master controllers over CANopen or CoE protocols along with the CiA402 drive profile application communication.

The new line is designed for packaging, material handling, textile, machine tooling, printing and automotive applications, and leverages Mitsubishi Electric's best-in-class servo amplifier performance. Enterprises that require the open EtherCAT network can now connect with the MR-J3 series' machine analyzer and simulation, advanced gain search, vibration suppression control and auto tuning functions, among others.

Mitsubishi Electric will offer the EtherCAT amplifier with a capacity ranging from 100W to 22kW. These amplifiers will be able to drive the MR-J3 servomotors, which are equipped with built-in absolute high precision 18bit (262,155 pls/rev) standard. In addition to being compact and offering superb controllability, certain models also allow for up to 350 percent torque overload during acceleration and deceleration periods.

About Mitsubishi Electric Automation, Inc.

Mitsubishi Electric Automation, Inc., a US affiliate company of Mitsubishi Electric Corporation, is headquartered in Vernon Hills, Ill. and offers a comprehensive line of factory automation solutions. Products include programmable automation controllers ([PAC](#)), programmable logic controllers ([PLC](#)), human machine interfaces ([HMI](#)), variable frequency drives ([VFD](#)), [servo amplifiers and motors](#), [motion controllers](#), [control software](#), computerized numerical control ([CNC](#)), and [robots](#). For a broad range of factory automation applications, visit the Mitsubishi Electric Automation web site at www.MEAU.com.

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