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**Precis**

Mitsubishi Electric Corporation has been contributing to global manufacturing and working to be an “OnlyOne” FA supplier that satisfies customers by providing the e-F@ctory FA integrated solution, which is based on advanced technologies focusing on the highest quality. This issue introduces the latest FA technologies and systems that support e-F@ctory.

- (1) “MELSERVO-J5 series” AC servo amplifier: The function for linking with solutions with the CC-Link IE TSN industrial network as the core has been remarkably improved. Basic performance and functions have also been enhanced to the highest levels in the industry.
- (2) “HK series” servo motor with improved basic performance: This series is equipped with batteryless encoders, and the number of product types was greatly increased.
- (3) Magnetic contactors with spring clamp terminals: The contactors eliminated the need for high skill level, as was required for conventional screwing—which is now made easy. And more-secure wiring is also now possible. In addition, the products eliminate concern that joints will become loose when they are used for an extended period of time, making it possible to reduce additional tightening in inspections.