

Drive your digitalisation with a cost-competitive and user-friendly controller

Ratingen, Germany 12 September 2023

Mitsubishi Electric's new MELSEC FX5S PLC is designed to support businesses on their digital transformation journey, offering a cost-effective, easy-to-use control solution. The latest addition to the MELSEC iQ-F series of compact, high-performance PLCs is ideal for simple, straightforward applications in the food and beverage, water and machining industries, for example. It offers Industrial Internet of Things (IIoT) functions for effective entry-level industrial automation applications.



[Source: Mitsubishi Electric Europe, Germany:]

The FX5S is easy to configure and use, streamlining deployment and enabling users to quickly set up installations. This intuitive system also delivers the level of high-speed performance required by accurate positioning applications.

End users and machine builders can leverage Mitsubishi Electric's FX5S to develop and implement cost-effective machines with up to 60 I/O points. These solutions support IIoT connectivity and functionalities. Therefore, they minimize the investment necessary to advance in the digitalisation of key operations and start creating future-oriented smart factories.

In particular, when looking at IIoT capabilities, the solution offers data logging and data flow analysis functions to speed up and enhance troubleshooting and root cause analysis. As the PLC features a built-in web server, operators can also remotely access these functions and monitor operations at any time, further improving responsiveness and flexibility.

Thanks to its compatibility with CC-Link IE Field Basic, an open industrial Ethernet technology, the controller can be seamlessly linked with other factory automation devices such as HMIs, drives and remote I/O. This ensures reliable communications and facilitates the creation of interconnected shop floors.

Mitsubishi Electric's FX5S is a compact and highly capable controller that can support companies in advancing on their digitalisation journeys. For additional information on the product, please visit:

<https://youtu.be/mlZmHlcqPec>

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About Mitsubishi Electric Corporation

With more than 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its “Changes for the Better.” The company recorded a revenue of 5,003.6 billion yen (U.S.\$ 37.3 billion*) in the fiscal year ended March 31, 2023.

For more information, please visit www.MitsubishiElectric.com

**U.S. dollar amounts are translated from yen at the rate of ¥134=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2023.*

About Mitsubishi Electric Factory Automation Business Group

Offering a vast range of automation and processing technologies, including controllers, drive products, power distribution and control products, electrical discharge machines, electron beam machines, laser processing machines, computerized numerical controllers, and industrial robots, Mitsubishi Electric helps bring higher productivity – and quality – to the factory floor. In addition, its extensive service networks around the globe provide direct communication and comprehensive support to customers. The global slogan “Automating the World” shows the company’s approach to leverage automation for the betterment of society, through the application of advanced technology, sharing know how and supporting customers as a trusted partner.

For more about the story behind “Automating the World” please visit:

www.MitsubishiElectric.com/fa/about-us/automating-the-world

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V. that has been represented in Germany since 1978, a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan. The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

For more information, please visit emea.mitsubishielectric.com/fa

About e-F@ctory

e-F@ctory is Mitsubishi Electric's integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations. Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as the CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a wide ranging "best in class" principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing but still retain the ability to choose the most optimal suppliers and solutions.

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