

FACTORY AUTOMATION

The next level of industry

MELSEC iQ-F series

Introduction proposal



The MELSEC iQ-F series is an evolution of the MELSEC-F series, offering high basic performance and a wealth of built-in features.

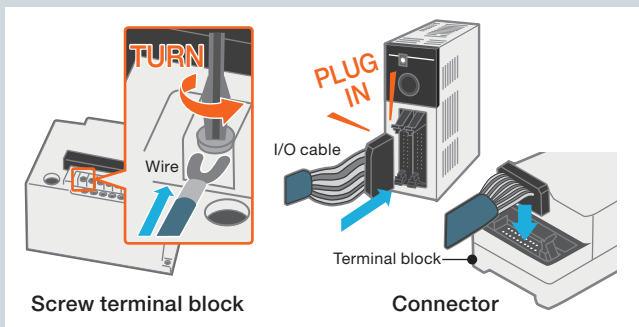
With the addition of the FX5S, the replacement range has been expanded.

Point 1 Improved usability

- Reduce I/O wiring costs and man-hours

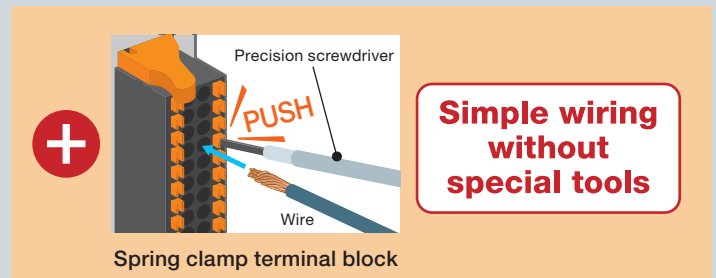
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There are two types of wiring methods.



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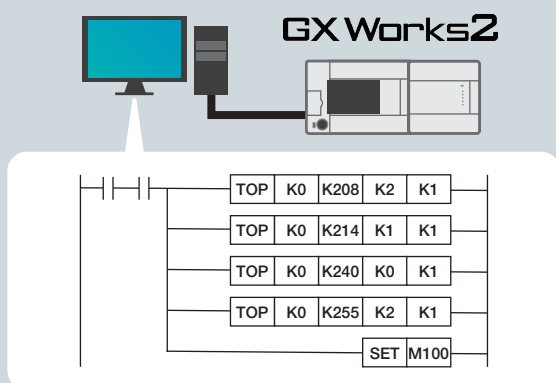
There are three types of wiring methods. The additional spring clamp terminal block can be wired in a single operation, reducing the wiring.



- Reduce programming man-hours

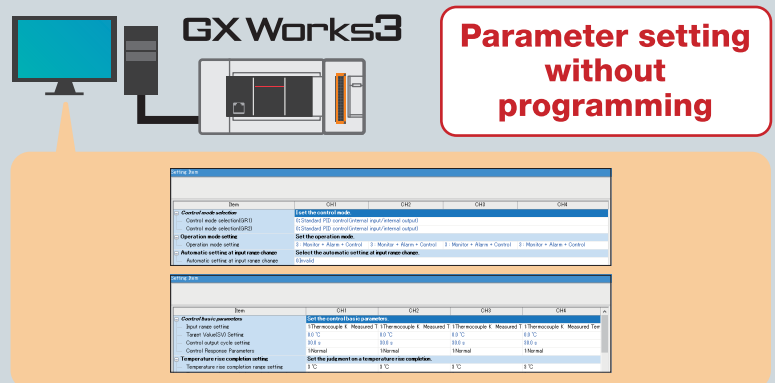
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A special program is required to set the module parameters.



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Without a program, module parameters can be set directly with an engineering tool.



Parameter setting without programming

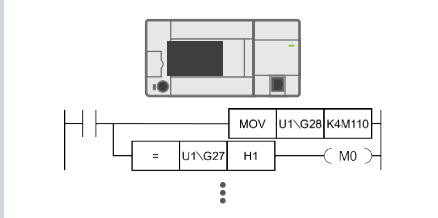
Point 2

Improved built-in functions

• Data communication with external devices via built-in function

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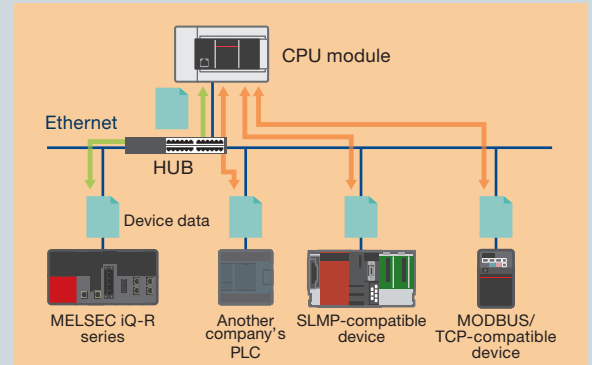
Data communication with external devices requires expansion devices and programs.



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Send and receive device data to and from an Ethernet-equipped module with simple parameter settings.

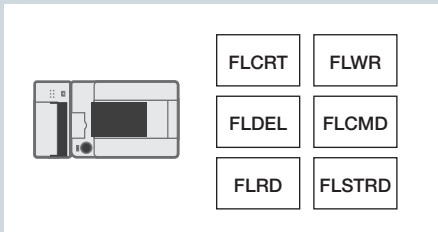
Simple CPU communication function



• Improved logging function

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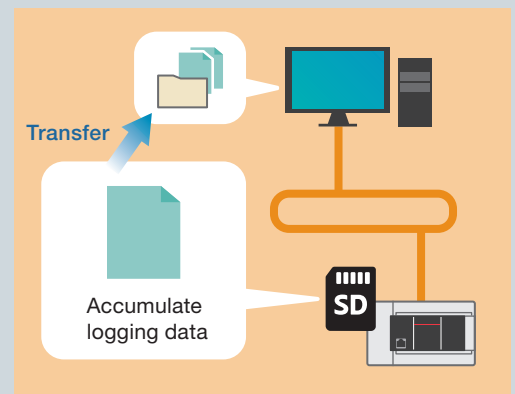
Special programs and additional equipment are required.



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The built-in logging function does not require a program, and detailed logging conditions can be set using a dedicated setting tool. Logging data can also be collected from remote locations.

Ease of use and improved maintenance efficiency



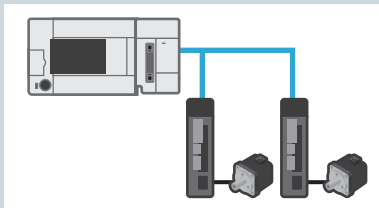
Point 3

Advanced drive control

• Create a high degree of freedom servo system

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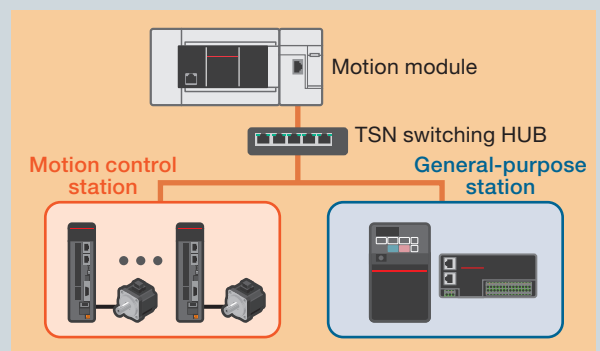
Simple servo system control is supported.



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Multi-axis motion control is supported, and devices other than servo amplifiers can be connected via CC-Link IE TSN.

Enhanced functionality, performance and accuracy



We also have a handbook for transitioning from the MELSEC-F series to the MELSEC iQ-F series.

Transition from MELSEC FX3G, FX3U, FX3UC Series to MELSEC iQ-F Series Handbook
<JY997D66201>



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Please contact your nearest Mitsubishi Electric representative for more information.

⚠ Safety Warning

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