

Actions to be Taken When an Error (430DH) Occurs in SLMP (MC Protocol) Communication or MODBUS/TCP Communication on MELSEC-Q Series Models

■Date of Issue

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■Relevant Models

Q03UDVCP, Q04UDVCP, Q04UDPVCPU, Q06UDVCP, Q06UDPVCPU, Q13UDVCP, Q13UDPVCPU, Q26UDVCP, Q26UDPVCPU

Thank you for your continued support of Mitsubishi Electric programmable controllers, MELSEC-Q series.

This technical bulletin informs you of actions to be taken when an error (430DH) occurs even if the data is normal in SLMP (MC protocol) communication via a built-in Ethernet port or in MODBUS/TCP communication via a MODBUS/TCP interface module on a High-speed Universal model QCPU or a Universal model Process CPU.

1 RELEVANT MODELS

Product	Model	The first five digits of a serial number
High-speed Universal model QCPU	Q03UDVCP	24102 to 25061
	Q04UDVCP	
	Q06UDVCP	
	Q13UDVCP	
	Q26UDVCP	
Universal model Process CPU	Q04UDPVCPU	
	Q06UDPVCPU	
	Q13UDPVCPU	
	Q26UDPVCPU	

2 PHENOMENA

An error (430DH^{*1}) may occur even for a normal request data in the following communications. Sequence control will continue even if this error occurs.

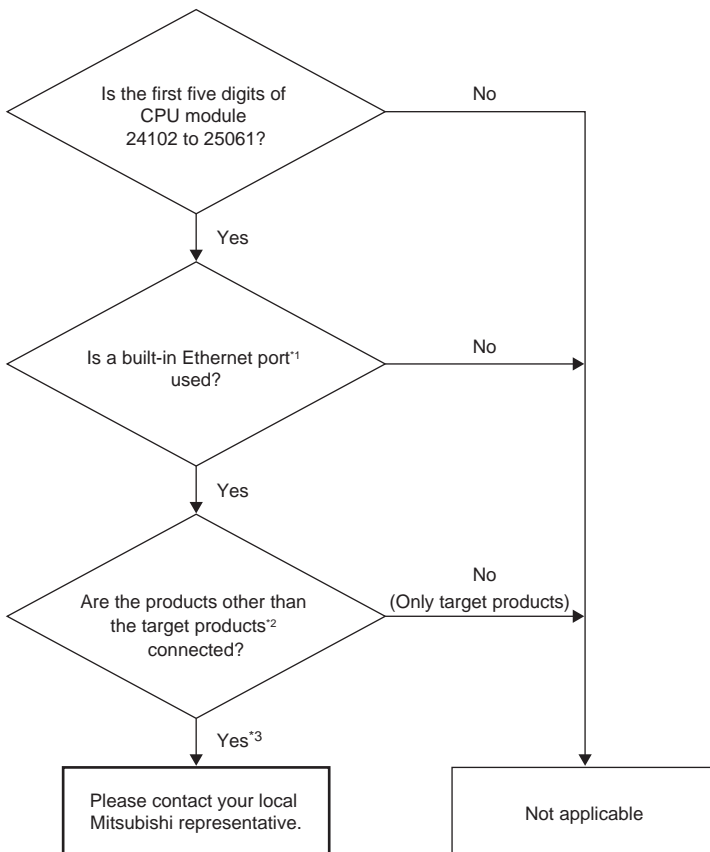
- SLMP (MC protocol) communication via a built-in Ethernet port
- MODBUS/TCP communication via a MODBUS/TCP interface module

*1 Incorrect request message reception error (Error code for the error when an incorrect request message is received from an external device)

3 ACTIONS TO BE TAKEN

Use the following flow to determine whether your system status meets the event described in this bulletin. If so, please contact your local Mitsubishi representative. The system can be temporarily restored by powering off and on or resetting the target CPU module.

In SLMP (MC protocol) communication via a built-in Ethernet port



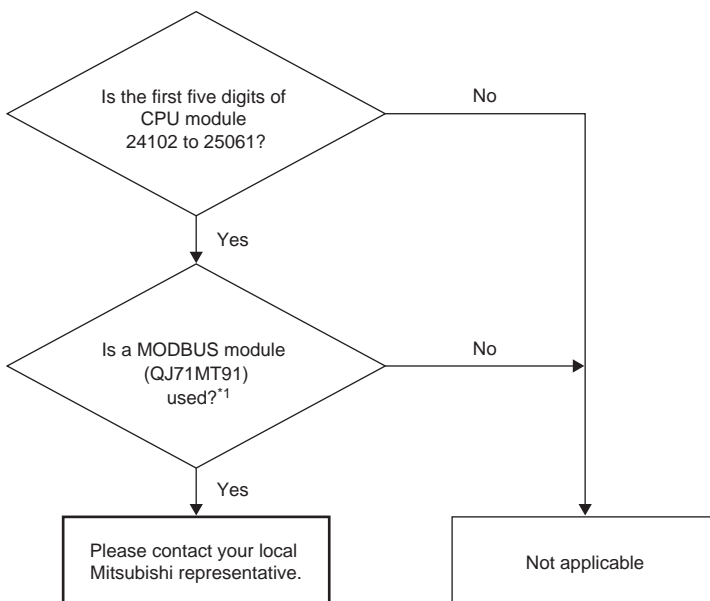
*1 If SLMP (MC protocol) communication is not used, your system status is not applicable.

*2 The following products are covered.

- Mitsubishi Electric Human Machine Interfaces (GOTs)
- Mitsubishi Electric Programmable controller CPUs
- MELSOFT products (such as GX Works2)

*3 Check the parameter settings of CPU module to narrow down target products. For further details, refer to Page 3 HOW TO CHECK THE PARAMETER SETTINGS.

In MODBUS/TCP communication via a MODBUS/TCP interface module



*1 If the MODBUS/TCP interface module (QJ71MT91) is used as a master station, your system status is not applicable.

4 HOW TO CHECK THE PARAMETER SETTINGS

Check the parameter settings of CPU module as follows.

[Navigation window] ⇒ [Parameter] ⇒ [PLC parameter] ⇒ [Built-in Ethernet Port Setting] ⇒ [Open Setting]

Built-in Ethernet Port Open Setting

	Protocol	Open System	TCP Connection	Host Station Port No.
1	UDP	MC Protocol		1025
2	TCP	MC Protocol		1026
3	TCP	MELSOFT Connection		
4	TCP	MELSOFT Connection		

When "Open System" is set to "MC Protocol", your system status meets Page 2 In SLMP (MC protocol) communication via a built-in Ethernet port. Please contact your local Mitsubishi representative.

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REVISIONS

Version	Date of Issue	Revision
A	March 2024	First edition

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