

Change in Specifications of Output Protection Functions for the Input/Output Modules

■Date of Issue

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■Relevant Models

MELSEC-Q series

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

This technical bulletin informs you of changes in specifications of output protection functions for the output modules and the I/O combined modules.

There is no impact on the normal use of these products as this is the description change related to the activation of the protection functions.

1 APPLICABLE MODELS

The following table lists the applicable models.

Applicable model	
Product	Model
Output module	QY40P, QY40P-TS, QY41P, QY42P, QY81P, QY82P
I/O combined module	QH42P, QX41Y41P

2 DETAILS ON THE CHANGES

The specifications of output protection functions are described as follows: "The overheat protection function is activated in increments of one point. The overload protection function is activated in increments of one point." However, in the environment of the general specifications, the overload protection function is activated first due to an overcurrent caused by a short-circuit in the wiring. Immediately afterwards, the overheat protection function is activated due to the heat caused by the overcurrent. There is little time difference between the activation of each function, and output protection functions are activated at multiple points.

In light of the above, the specifications will be changed as follows.

2.1 Before Change (Description Example)

• Performance specifications

Protection functions	Supported (Overload protection function, overheat protection function) <ul style="list-style-type: none">• The overheat protection function is activated in increments of one point.• The overload protection function is activated in increments of one point.
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2.2 After Change (Description Example)

• Performance specifications

Protection functions	Supported (Overload protection function, overheat protection function)
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3 NOTES

- The information is based on the information at the time of publication and is subject to change.

REVISIONS

Version	Date of Issue	Revision
A	March 2025	First edition

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