

Change of External Power Supply for MELSEC iQ-R Series Output Modules and I/O Combined Modules

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■Relevant Models

RY40NT5P, RY40NT5P-TS, RY41NT2P, RY41NT2P-TS, RY42NT2P, RY40PT5P, RY40PT5P-TS, RY41PT1P, RY41PT1P-TS, RY42PT1P, RH42C4NT2P

Thank you for your continued support of Mitsubishi Electric programmable controllers, MELSEC iQ-R series. We are informing you that the specifications of the external power supply (current) for the MELSEC iQ-R series output modules and I/O combined modules have been changed due to parts change for stable supply of products. Before using the products after specifications change, check the maximum value of the external power supply (current) in the following manual and the influences on the programmable controller system (increase of heating value).

 MELSEC iQ-R I/O Module User's Manual (SH-081247ENG)

1 DETAILS ON THE CHANGE

The following table lists the details on the change.

Item		Relevant model	Before change	After change
External power supply	Current	RY40NT5P	4mA (at 24VDC)	4mA TYP. (at 24VDC), 9mA MAX. (at 24VDC)
		RY40NT5P-TS	6mA (at 24VDC)	6mA TYP. (at 24VDC), 9mA MAX. (at 24VDC)
		RY41NT2P	16mA (at 24VDC)	16mA TYP. (at 24VDC), 37mA MAX. (at 24VDC)
		RY41NT2P-TS	17mA (at 24VDC)	17mA TYP. (at 24VDC), 37mA MAX. (at 24VDC)
		RY42NT2P	16mA (at 24VDC)	16mA TYP. (at 24VDC), 37mA MAX. (at 24VDC)
		RY40PT5P	16mA (at 24VDC)	16mA TYP. (at 24VDC), 44mA MAX. (at 24VDC)
		RY40PT5P-TS	20mA (at 24VDC)	20mA TYP. (at 24VDC), 44mA MAX. (at 24VDC)
		RY41PT1P	19mA (at 24VDC)	19mA TYP. (at 24VDC), 34mA MAX. (at 24VDC)
		RY41PT1P-TS	19mA (at 24VDC)	19mA TYP. (at 24VDC), 34mA MAX. (at 24VDC)
		RY42PT1P	19mA (at 24VDC)	19mA TYP. (at 24VDC), 34mA MAX. (at 24VDC)
		RH42C4NT2P	16mA (at 24VDC)	16mA TYP. (at 24VDC), 37mA MAX. (at 24VDC)

2 VERSION

The hardware version is indicated in the rating plate on the right surface of the module (upper four digits of the SERIAL field).

Relevant model	Hardware version
RY40NT5P	0008 or later
RY40NT5P-TS	0003 or later
RY41NT2P	0011 or later
RY41NT2P-TS	0003 or later
RY42NT2P	0011 or later
RY40PT5P	0009 or later
RY40PT5P-TS	0003 or later
RY41PT1P	0013 or later
RY41PT1P-TS	0003 or later
RY42PT1P	0013 or later
RH42C4NT2P	0011 or later

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REVISIONS

Version	Date of Issue	Revision
A	September 2020	First edition

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