

Precautions When Using the Analog-digital Converter Module AJ65SBT2B-64AD As a Device Supporting iQSS In the CC-Link System

■Date of Issue

January 2022

■Relevant Models

AJ65SBT2B-64AD

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

When the analog-digital converter module AJ65SBT2B-64AD is used as a device supporting iQSS in the CC-Link system, the initial settings may not be held after the CPU module is powered on or a CC-Link dedicated cable is unplugged/plugged. We are informing you of actions to avoid this phenomenon.

1 OVERVIEW

In the CC-Link system, when a device supporting iQSS*¹ is used with the MELSEC iQ-R/-Q/-L series CPU modules, the initial settings may not be held and the system may operate with different settings from the specified settings if the module is powered on or a CC-Link dedicated cable is unplugged/plugged while the system is running.

To avoid this phenomenon, take actions described in Chapter 3.

*¹ For details on devices supporting iQSS, refer to the following.

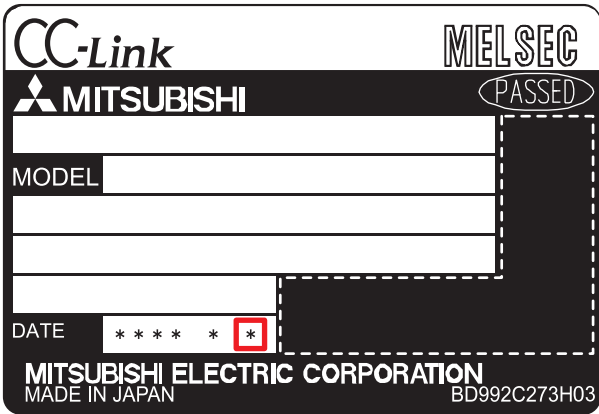
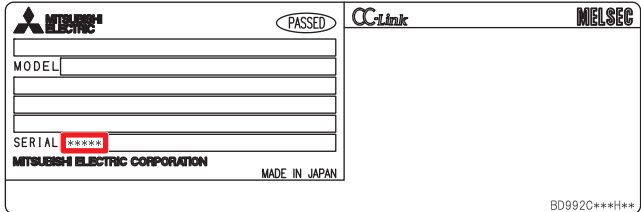
 iQ Sensor Solution Reference Manual (SH-081133ENG)

2 RELEVANT MODEL

The following table shows the relevant model.

Model	Version
AJ65SBT2B-64AD	The last digit of DATE field in the rating plate is B or later, or the upper 5 digits of SERIAL field in the rating plate is 23111 or earlier*1

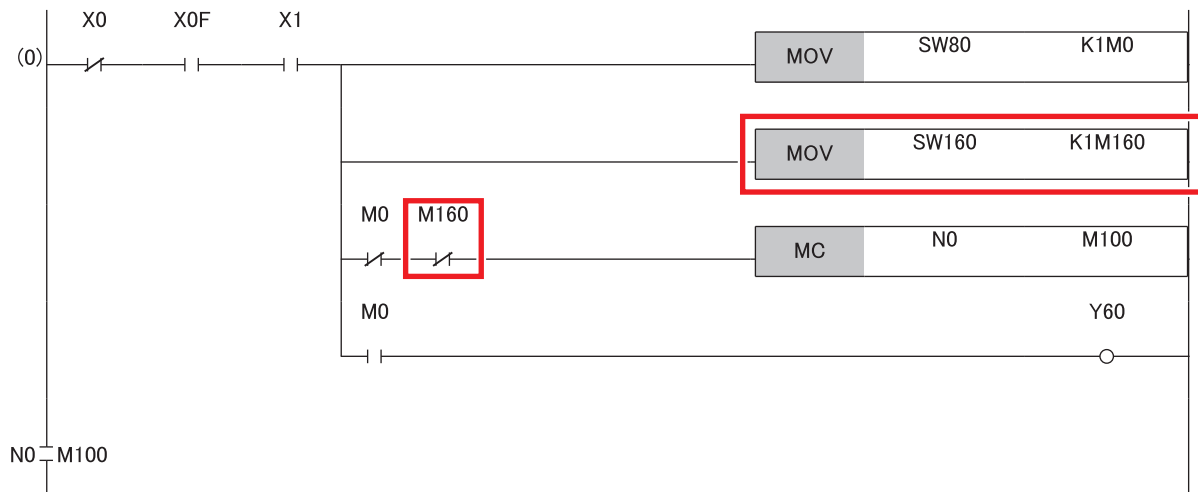
*1 The DATE field and SERIAL field in each rating plate are shown below.

DATE field	SERIAL field
 <p>The image shows a rating plate with the following details: CC-Link logo, MELSEC logo, MITSUBISHI logo, a 'PASSED' oval, a 'MODEL' field, a 'DATE' field with asterisks and a red box around the last digit, and 'MITSUBISHI ELECTRIC CORPORATION MADE IN JAPAN' with the code 'BD992C273H03'.</p>	 <p>The image shows a rating plate with the following details: MELSEC logo, 'PASSED' oval, CC-Link logo, MELSEC logo, 'MODEL' field, 'SERIAL' field with asterisks and a red box around the first digit, 'MITSUBISHI ELECTRIC CORPORATION MADE IN JAPAN', and the code 'BD992C****'.</p>

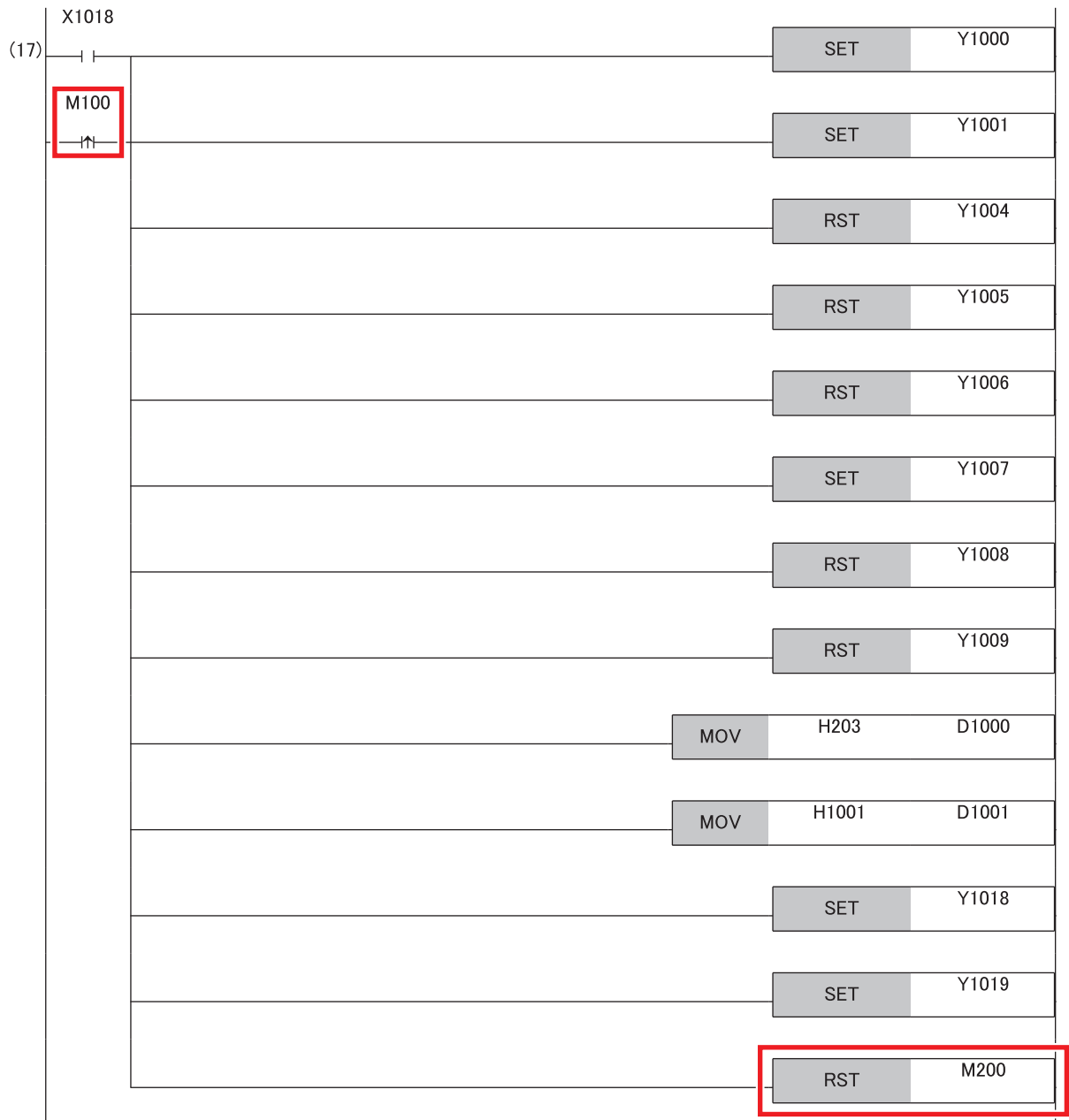
3 ACTIONS

To avoid the phenomenon, modify the program used. This section shows the modification by using the program examples in Analog-Digital Converter Module Type AJ65SBT2B-64AD User's Manual (SH-080979ENG).

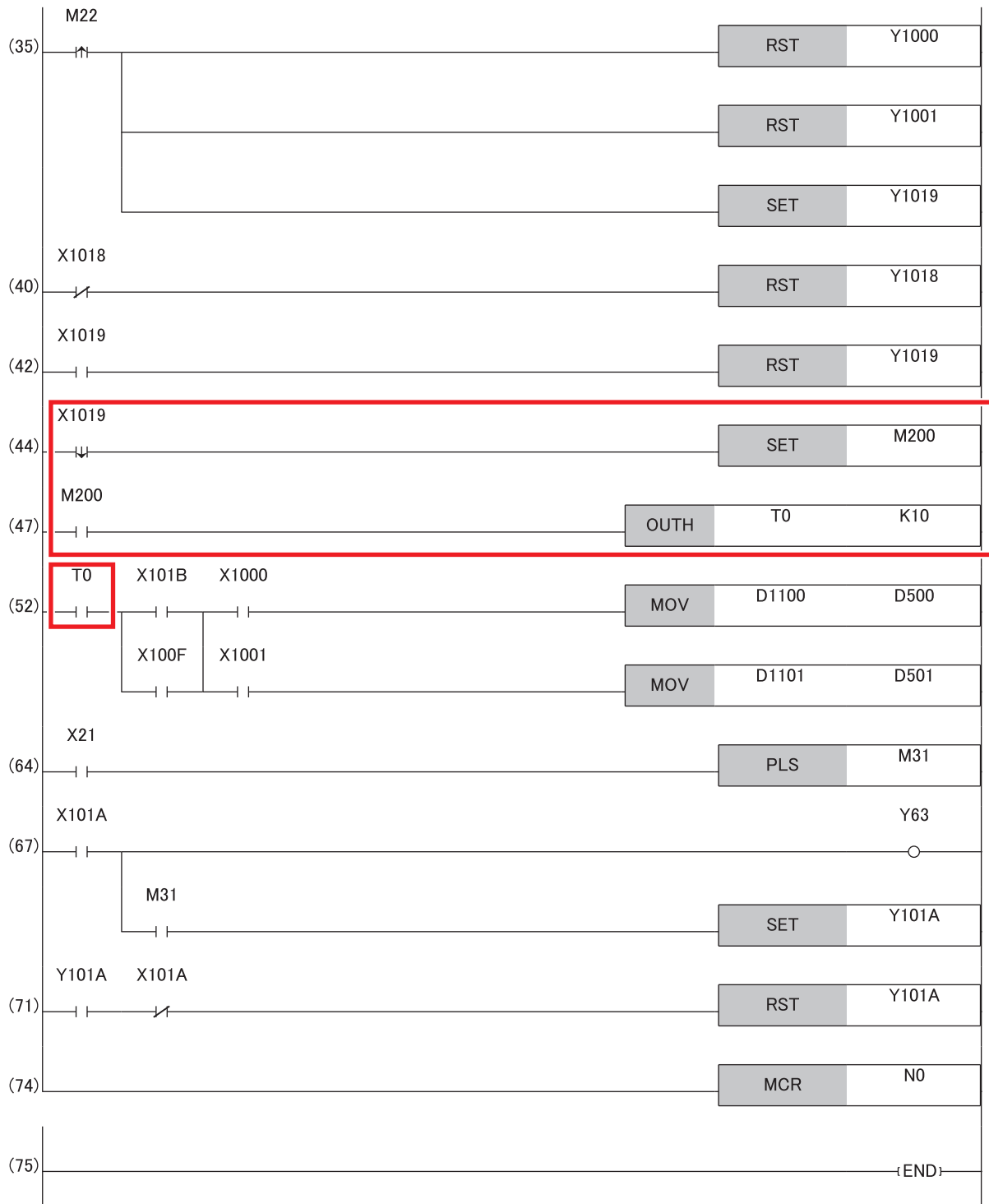
The following is an example of the program in which a MELSEC iQ-R series module is used as a master station. Add the parts surrounded in a red frame as below.



FA-A-0360-A



FA-A-0360-A



FA-A-0360-A

REVISIONS

Version	Date of Issue	Revision
A	January 2022	First edition

TRADEMARKS

The company names, system names and product names mentioned in this technical bulletin are either registered trademarks or trademarks of their respective companies.

In some cases, trademark symbols such as [™] or [®] are not specified in this technical bulletin.