

TECHNICAL BULLETIN

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[Title] Production discontinuation of the peripheral connection module

[Date of Issue] December 2008

[Relevant Models] AJ65BT-G4-S3

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

Production of the following MELSEC-A series model will be discontinued.

1. Model to be discontinued

Product name	Model
AJ65BT-G4-S3 peripheral device connection module	AJ65BT-G4-S3

2. Schedule

- Transition to made-to-order production: December 1, 2008
- Order acceptance: Through July 30, 2009
- Production discontinuation: August 31, 2009

3. Reasons for discontinuing production

- 1) Some parts of the above product are now obsolete. Therefore, we will have difficulty to maintain the production system.
- 2) A compatible model (AJ65BT-R2N CC-Link system RS-232 interface module) has been released.

4. Repair acceptance

- Repair acceptance: Through August 31, 2016 (For 7 years after production discontinuation)

5. Alternative model

Discontinued model	Alternative model
AJ65BT-G4-S3	AJ65BT-R2N

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6. Changes required when replacing the AJ65BT-G4-S3 with the AJ65BT-R2N

(1) CC-Link related items

Since the CC-Link specifications are unchanged, the following items need not be changed.

- CC-Link dedicated cables
- Master/local modules
- Master/local module parameters

(2) AJ65BT-G4-S3 related items

(a) Applicable DIN rails and module fixing screws

The AJ65BT-R2N can be mounted without any modifications because the applicable DIN rails, module fixing screws, and screw hole positions are unchanged.

(b) Interface for peripheral device connection

The AJ65BT-R2N is equipped with an RS-232 interface (D-sub 9P, socket) for peripheral device connection. Therefore, replace the RS-422 cable connected to the peripheral device with an RS-232 cable.

For RS-232 cables, refer to the List of cables and converters for connection with peripheral devices (applicable product) (T99-0047-A).

Note that, because of this cable replacement, the maximum transmission distance becomes shorter. (Up to 15m)

If a transmission distance of more than 15m is required, use an RS-232/RS-422 converter in combination with the existing RS-422 cable.

(c) External power supply

Replace the external power supply if it does not meet the following specifications.

External power supply: 24V DC (20.4V DC to 26.4V DC, ripple rate 5% or less)

(3) Peripheral device

Since the AJ65BT-R2N is configurable only in Q mode (MELSOFT connection mode), use GX Developer Version 6 or later.

If any other version is used with the AJ65BT-G4-S3, replace it with GX Developer Version 6 or later.

Peripheral device		AJ65BT-G4-S3	AJ65BT-R2N
Personal computer	Windows® compatible	○	○
			×
	IBM PC/AT compatible		×
			×

○: Available ×: N/A

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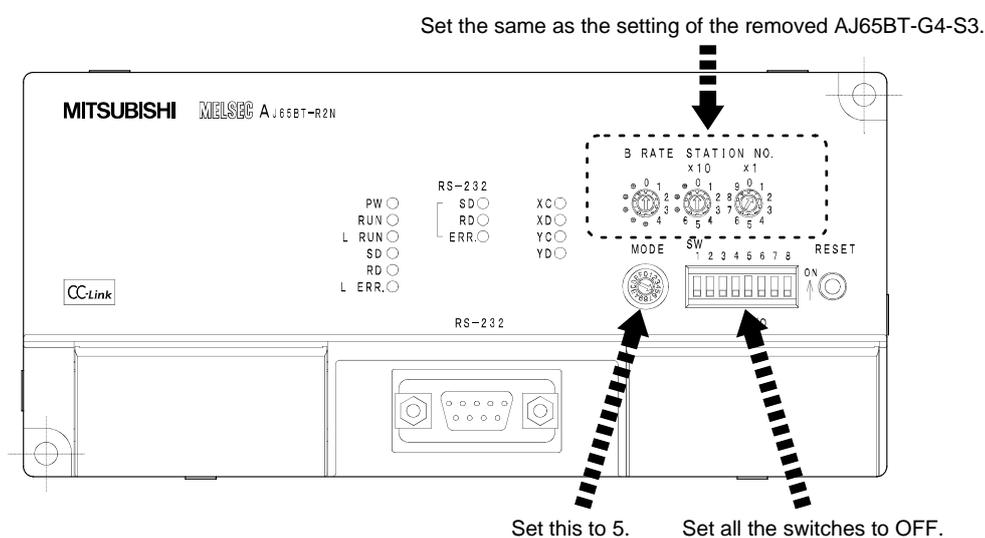
[Relevant Models] AJ65BT-G4-S3

7. Replacement procedure

There is no need to modify the master/local module parameters.

For the AJ65BT-G4-S3 related part, perform the following:

- 1) Prepare an RS-232 cable for connecting the AJ65BT-R2N to the peripheral device.
- 2) Stop the running system.
- 3) Set the AJ65BT-R2N switches as shown below.



- 4) Remove the AJ65BT-G4-S3 from the system and install the AJ65BT-R2N.
- 5) Replace the existing cable with the RS-232 cable to connect the AJ65BT-R2N to the peripheral device. (Refer to 6. (2)(b) Interface for peripheral device connection.)
- 6) Start the system.

8. Related manual

For details of differences between the AJ65BT-G4-S3 and AJ65BT-R2N, refer to the following manual.

Manual name	Manual number (model code)
CC-Link System RS-232 Interface Module User's Manual (MELSOFT Connection Mode)	SH-080687ENG (13JZ01)