

Change to the Structure of Terminal Blocks for CC-Link Communication and External Power Supply Connections

■Date of Issue

April 2026

■Relevant Models

Network products

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

This technical bulletin informs you that the structure of terminal blocks will be changed to meet the UL requirements.

The shape of terminal blocks and bases (circuit board mounting part), as well as the specifications for combinations of terminal blocks and bases, will be changed.

There is no impact on the general specifications, performance specifications, functions, and external dimensions of products due to the change.

The products before change can continue to be used as a UL-certified product.

1 APPLICABLE MODELS

The following table lists the applicable models.

| Product | Model |
|--|--|
| Analog-digital converter module | AJ65SBT-64AD |
| Digital-analog converter module | AJ65SBT-62DA |
| CC-Link system compact type remote I/O module | AJ65SBTB1-8D, AJ65SBTB1-8T, AJ65SBTB1-8T1, AJ65SBTB1-8TE, AJ65SBTB1-16D, AJ65SBTB1-16D1, AJ65SBTB1-16DT, AJ65SBTB1-16DT1, AJ65SBTB1-16DT2, AJ65SBTB1-16DT3, AJ65SBTB1-16T, AJ65SBTB1-16T1, AJ65SBTB1-16TE, AJ65SBTB1-32D, AJ65SBTB1-32D1, AJ65SBTB1-32D5, AJ65SBTB1-32DT, AJ65SBTB1-32DT1, AJ65SBTB1-32DT2, AJ65SBTB1-32DT3, AJ65SBTB1-32DTE1, AJ65SBTB1-32KD, AJ65SBTB1-32KDT2, AJ65SBTB1-32T, AJ65SBTB1-32T1, AJ65SBTB1-32TE1, AJ65SBTB1B-16TE1, AJ65SBTB2-8T, AJ65SBTB2-8T1, AJ65SBTB2-16T, AJ65SBTB2-16T1, AJ65SBTB2N-16A, AJ65SBTB2N-16R, AJ65SBTB2N-8A, AJ65SBTB2N-8R, AJ65SBTB2N-8S, AJ65SBTB2N-16S, AJ65SBTB3-8D, AJ65SBTB3-16D, AJ65SBTB3-16KD, AJ65SBTB32-8DT, AJ65SBTB32-8DT2, AJ65SBTB32-16DR, AJ65SBTB32-16DT, AJ65SBTB32-16DT2, AJ65SBTB32-16KDR, AJ65SBTC1-32D, AJ65SBTC1-32D1, AJ65SBTC1-32DT3, AJ65SBTC1-32T1, AJ65SBTC4-16DE, AJ65SBTC4-16DT2, AJ65SBTCF1-32D, AJ65SBTCF1-32DT, AJ65SBTCF1-32T |
| CC-Link system repeater (T-branch) module | AJ65SBT-RPT |
| CC-Link system optical repeater module | AJ65SBT-RPS, AJ65SBT-RPG |
| CC-Link IE Field Network — CC-Link bridge module | NZ2GF-CCB |

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2 DETAILS ON THE CHANGES

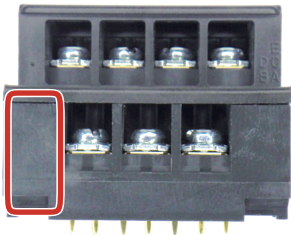
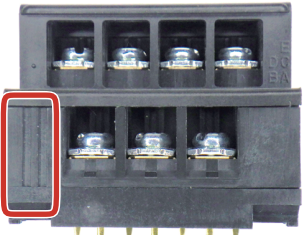
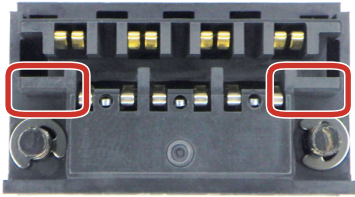
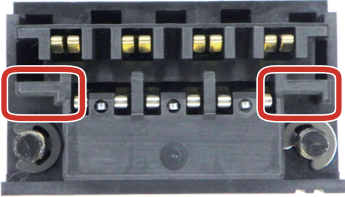

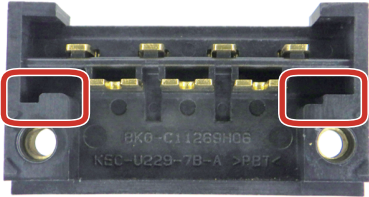
The shape of the terminal blocks and bases (circuit board mounting part), which are used for CC-Link communication and external power supply connections, will be changed.

There is no impact on the electrical specifications and the connection specifications of terminal blocks due to the change.

We added a specification for connecting bare wires (CA: 4) to meet the UL requirements, and we have obtained recertification for the product.

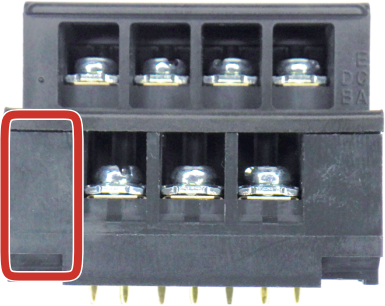
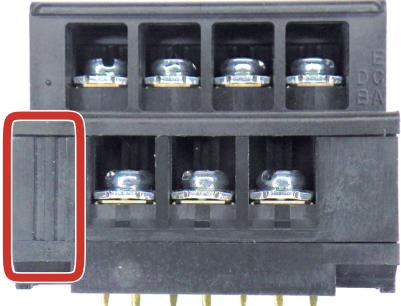
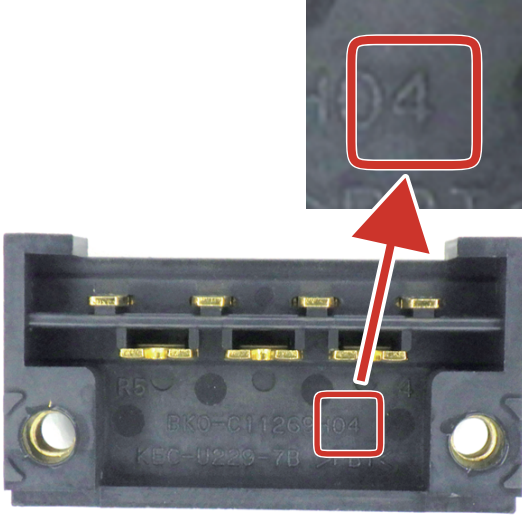
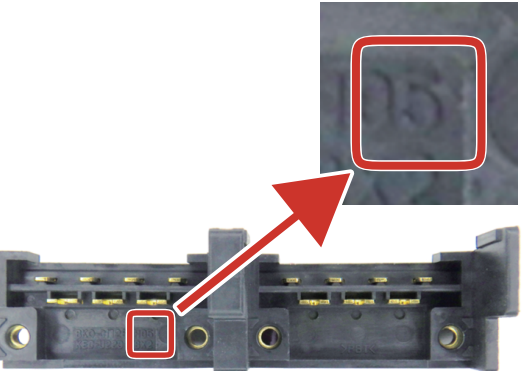
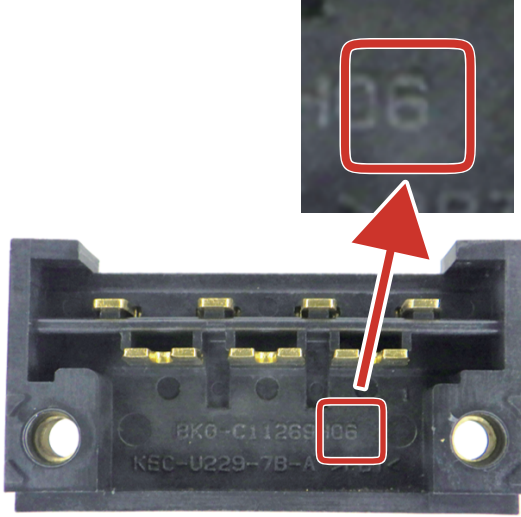
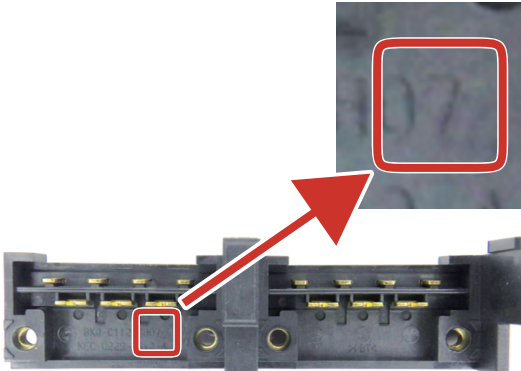
Based on the specifications of our products and for safety reasons, we recommend using solderless terminals for connections to the terminal block.

As an example, the changes to the 7-pin terminal block are shown below.

| Product | Part | Before change | After change |
|------------------------------------|---------------------|--|---|
| Terminal block | External appearance |  |  Addition of vertical grooves |
| | Bottom surface |  |  Shape change of some ribs |
| Base (circuit board mounting part) | Top surface |  9K0-C1128SH04 REC-U229-7B->PBT |  9K0-C1128SH06 REC-U229-7B-A->PBT Shape change of some ribs |

3 HOW TO DISTINGUISH THE DIFFERENCE ON THE ACTUAL DEVICE

The following table shows the differences between the versions before and after the change.

| Product | Before change | After change |
|----------------|---|---|
| Terminal block | No vertical grooves  | With vertical grooves  |
| Base | <ul style="list-style-type: none"> • For 7-pin terminal blocks Last digit of the number printed on the surface: 4  <ul style="list-style-type: none"> • For 14-pin terminal blocks Last digit of the number printed on the surface: 5  | <ul style="list-style-type: none"> • For 7-pin terminal blocks Last digit of the number printed on the surface: 6  <ul style="list-style-type: none"> • For 14-pin terminal blocks Last digit of the number printed on the surface: 7  |

4 NOTE ON PRODUCT COMBINATIONS AFTER CHANGES

Please note that due to this change, the new version terminal block and the old version base are no longer compatible. Refer to the table below for information on combination compatibility.

○: Compatible, ×: Not compatible

| Combination | | Compatibility |
|----------------------------|------------------|---------------|
| Terminal block | Base | |
| Old version terminal block | Old version base | ○ |
| | New version base | ○ |
| New version terminal block | Old version base | × |
| | New version base | ○ |

Point

To use these products as UL-certified items, the following configurations are required.

- Old version terminal block + Old version base
- New version terminal block + New version base

5 SCHEDULE

As shown in the table below, the timing of the change varies by model.

Depending on stock status, both the old and new products may be distributed in the market around that time. We appreciate your kind understanding.

| Product | Model | Date of change |
|--|--|---------------------|
| Analog-digital converter module | AJ65SBT-64AD | July 2026 or after |
| Digital-analog converter module | AJ65SBT-62DA | |
| CC-Link system compact type remote I/O module | AJ65SBTB1-8D, AJ65SBTB1-8T, AJ65SBTB1-8T1, AJ65SBTB1-8TE, AJ65SBTB1-16D, AJ65SBTB1-16D1, AJ65SBTB1-16DT, AJ65SBTB1-16DT1, AJ65SBTB1-16DT2, AJ65SBTB1-16DT3, AJ65SBTB1-16T, AJ65SBTB1-16T1, AJ65SBTB1-16TE, AJ65SBTB1-32D, AJ65SBTB1-32D1, AJ65SBTB1-32D5, AJ65SBTB1-32DT, AJ65SBTB1-32DT1, AJ65SBTB1-32DT2, AJ65SBTB1-32DT3, AJ65SBTB1-32DTE1, AJ65SBTB1-32KD, AJ65SBTB1-32KDT2, AJ65SBTB1-32T, AJ65SBTB1-32T1, AJ65SBTB1-32TE1, AJ65SBTB1B-16TE1, AJ65SBTB2-8T, AJ65SBTB2-8T1, AJ65SBTB2-16T, AJ65SBTB2-16T1, AJ65SBTB2N-16A, AJ65SBTB2N-16R, AJ65SBTB2N-8A, AJ65SBTB2N-8R, AJ65SBTB2N-8S, AJ65SBTB2N-16S, AJ65SBTB3-8D, AJ65SBTB3-16D, AJ65SBTB3-16KD, AJ65SBTB32-8DT, AJ65SBTB32-8DT2, AJ65SBTB32-16DR, AJ65SBTB32-16DT, AJ65SBTB32-16DT2, AJ65SBTB32-16KDR, AJ65SBTC1-32D, AJ65SBTC1-32D1, AJ65SBTC1-32DT3, AJ65SBTC1-32T1, AJ65SBTC4-16DE, AJ65SBTC4-16DT2, AJ65SBTCF1-32D, AJ65SBTCF1-32DT, AJ65SBTCF1-32T | April 2027 or after |
| CC-Link system repeater (T-branch) module | AJ65SBT-RPT | |
| CC-Link system optical repeater module | AJ65SBT-RPS, AJ65SBT-RPG | |
| CC-Link IE Field Network — CC-Link bridge module | NZ2GF-CCB | |

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REVISIONS

| Version | Date of Issue | Revision |
|---------|---------------|---------------|
| A | April 2026 | First edition |

TRADEMARKS

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