

Production Discontinuation of CC-Link System Compact Type Remote I/O Modules (A2C Form, Terminal Block Type)

■Date of Issue

August 2026

■Relevant Models

AJ65DBTB1-32D, AJ65DBTB1-32T1, AJ65DBTB1-32DT1, AJ65DBTB1-32R, AJ65DBTB1-32DR, A6DIN1C

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

This technical bulletin informs you that production of the following models will be discontinued. We appreciate your kind understanding.

1 MODELS TO BE DISCONTINUED

Product	Model to be discontinued	Alternative model	
	Model	Model	Specifications
DC input module	AJ65DBTB1-32D	AJ65SBTB1-32D	Screw terminal block, 32 points, Positive/negative common shared type
DC output module	AJ65DBTB1-32T1	AJ65SBTB1-32T1	Screw terminal block, 32 points, Sink output
DC I/O combined module	AJ65DBTB1-32DT1	AJ65SBTB1-32DT	Screw terminal block, 32 points, Positive common, Sink output
Relay output module	AJ65DBTB1-32R	AJ65SBTB2N-16R × 2	Screw terminal block, 16 points
DC input/relay output module	AJ65DBTB1-32DR	AJ65SBTB1-16D + AJ65SBTB2N-16R	Screw terminal block, 16 points, Positive/negative common shared type
DIN adapter	A6DIN1C	—	—

2 REASONS FOR DISCONTINUATION

The lead contained in the aluminum alloy of the cases for the models listed above is exempt from the EU RoHS Directive, however, this exemption expires on June 30, 2027. Since an extension of the exemption period has not been approved, we have decided to discontinue production of the target models before the expiration date.

3 SCHEDULE

Acceptance of orders for products with the EU RoHS Directive compliance marks: Until November 30, 2026^{*1}

Transition to make-to-order: December 25, 2026

Order acceptance: Until February 28, 2027

Production discontinuation: March 30, 2027

The exemption will expire on June 30, 2027. Therefore, on or after July 1, 2027, even if the EU RoHS Directive compliance marks are displayed on the target models, these models cannot be exported to countries and regions that comply with the Directive.

Taking the shipping time into account, we will stop accepting orders for products with the EU RoHS Directive compliance marks on November 30, 2026.

^{*1} Depending on the production status, products without the EU RoHS Directive compliance marks will be shipped for orders placed on or after December 1, 2026.

4 REPAIR SUPPORT

Repair support period: Until March 30, 2034 (for seven years after the discontinuation of production)

Please note that even during the repair support period, we may be unable to provide repair support if parts are no longer available.

5 REMOVAL OF MARKS INDICATING COMPLIANCE WITH THE EU RoHS DIRECTIVE (EUROPE, UNITED KINGDOM)

Since the expiration date for the exemption from the EU RoHS Directive is approaching, we will remove the relevant markings from the target models.

Mark	Standards	Display location	Descriptions
	CE	Rating Plate Packaging label	The aluminum alloy used for the case of the target models contains lead. Since the expiration date for the EU RoHS Directive exemption is approaching, the CE mark will be removed.
	UKCA	Rating Plate Packaging label	Since the UKCA mark can only be displayed if the product complies with the EU RoHS Directive, the mark will be removed.
	WEEE	Rating Plate	Since the target models cannot be exported to European market, the WEEE mark will be removed.
<H>	—	Packaging label	Since the <H> mark indicates that the product does not contain any of the 10 regulated substances, the mark will be removed. The <H> mark is not a mark indicating compliance with the RoHS Directive.

6 COMPARISON BETWEEN THE DISCONTINUED AND ALTERNATIVE MODELS

6.1 DC Input Module

Replacement of the AJ65DBTB1-32D

The screw size for the terminal block will change from M3.5 to M3. If you are using round solderless terminals, replace with M3-compatible terminals.

Item		Model to be discontinued	Alternative model	Any differences
		AJ65DBTB1-32D	AJ65SBTB1-32D	
Module power supply (current)		45mA or lower	45mA or lower	—
Input spec.	Common type	Positive/negative common shared type	Positive/negative common shared type	—
	Rated input voltage	24VDC (20.4 to 26.4VDC)	24VDC (19.2 to 26.4VDC)	○
	Rated input current	Approx. 5.0mA	Approx. 7.0mA	○
	Input resistance	Approx. 4.7kΩ	Approx. 3.3kΩ	○
	ON voltage/ON current	15VDC or higher/3mA or higher	14VDC or higher/3.5mA or higher	○
	OFF voltage/OFF current	5VDC or lower/1.5mA or lower	6VDC or lower/1.7mA or lower	○
Input response time		10ms or less	1.5ms or less ^{*1}	○
Product size (W × H × D) [mm]		64 × 170 × 70	179 × 50 × 40	○

*1 The response time will be shorter. Ensure that no incorrect input occurs due to noise.

■ External dimensions

AJ65DBTB1-32D	AJ65SBTB1-32D	Any differences
64 55 170 70 161 2 - φ5 mounting hole (M4 mounting screw) 80 4	40 179 170 (Mounting pitch) 2 - 4.5 x 5.1 mounting hole (M4 mounting screw) 50 89 4 Approx. 105° Center of DIN rail 7.9	○

(Unit: mm)

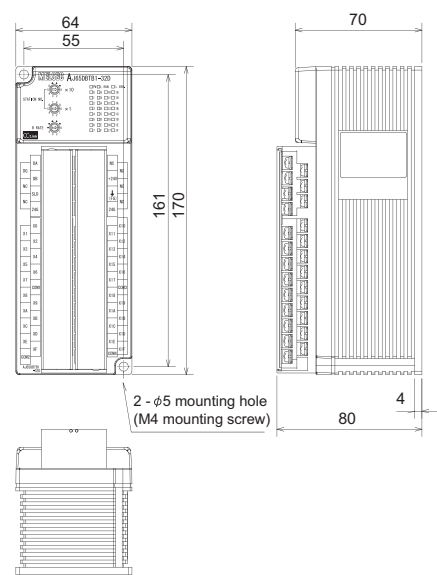
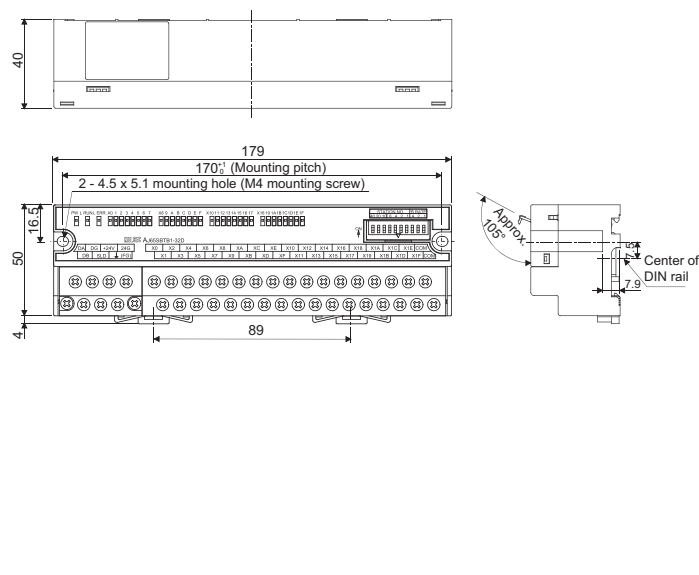
6.2 DC Output Module

Replacement of the AJ65DBTB1-32T1

The screw size for the terminal block will change from M3.5 to M3. If you are using round solderless terminals, replace with M3-compatible terminals.

Item		Model to be discontinued	Alternative model	Any differences
		AJ65DBTB1-32T1	AJ65SBTB1-32T1	
Module power supply (current)		65mA or lower	65mA or lower	—
Output spec.	Rated output voltage	12/24VDC	12/24VDC	—
	External power supply for output part	Voltage	10.2 to 31.2VDC	○
		Current	50mA or lower (24VDC, when all points are ON)	○
	Leakage current	0.1mA or lower	0.1mA or lower	—
	Max. load current	0.5A/point, 8A/common	0.5A/point, 4.8A/common	○
	Max. voltage drop at ON	0.5A at 0.3VDC (TYP.), 0.5A at 0.6VDC (MAX.)	0.5A at 0.3VDC (TYP.), 0.5A at 0.6VDC (MAX.)	—
Output response time		OFF → ON: 0.5ms or less ON → OFF: 1.5ms or less	OFF → ON: 0.5ms or less ON → OFF: 1.5ms or less	—
Product size (W × H × D) [mm]		64 × 170 × 70	179 × 50 × 40	○

External dimensions

AJ65DBTB1-32T1	AJ65SBTB1-32T1	Any differences
 Dimensions for AJ65DBTB1-32T1: - Top width: 64 mm, 55 mm - Height: 161 mm, 170 mm - Bottom width: 70 mm, 80 mm - Mounting hole: 2 - $\phi 5$ mounting hole (M4 mounting screw)	 Dimensions for AJ65SBTB1-32T1: - Top width: 179 mm - Height: 40 mm - Mounting pitch: 170 mm (Mounting pitch) - Mounting hole: 2 - 4.5 x 5.1 mounting hole (M4 mounting screw) - Bottom width: 89 mm - Mounting hole offset: 16.5 mm - Mounting hole diameter: 4 mm - Mounting hole offset: 7.9 mm - Center of DIN rail - Approx. 105 mm	○

(Unit: mm)

6.3 DC I/O Combined Module

Replacement of the AJ65DBTB1-32DT1

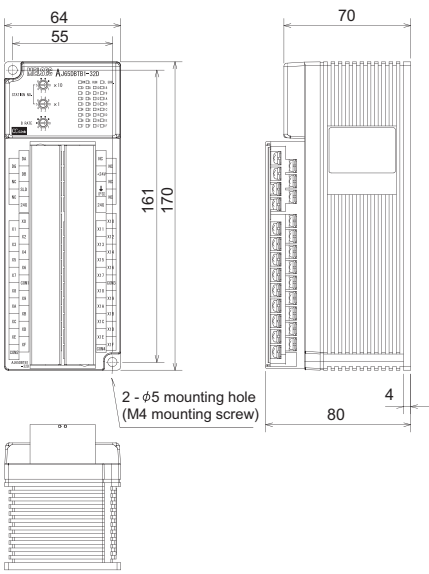
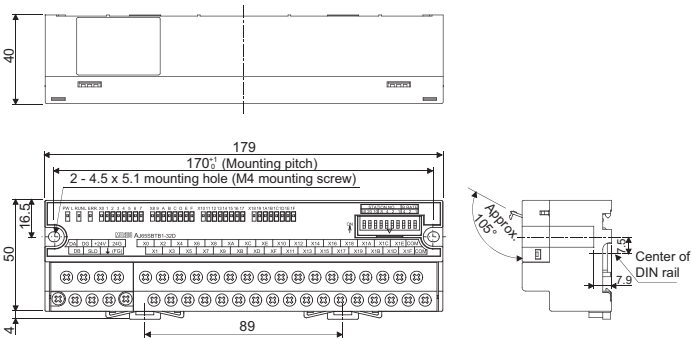
The screw size for the terminal block will change from M3.5 to M3. If you are using round solderless terminals, replace with M3-compatible terminals.

Item		Model to be discontinued	Alternative model	Any differences
		AJ65DBTB1-32DT1	AJ65SBTB1-32DT	
Module power supply (current)		55mA or lower	60mA or lower	○
Input spec.	Common type	Positive common type	Positive common type	—
	Rated input voltage	24VDC (20.4 to 31.2VDC)	24VDC (19.2 to 26.4VDC)	○
	Rated input current	Approx. 5.0mA	Approx. 7.0mA	○
	Input resistance	Approx. 4.7kΩ	Approx. 3.3kΩ	○
	ON voltage/ON current	15VDC or higher/3mA or higher	14VDC or higher/3.5mA or higher	○
	OFF voltage/OFF current	5VDC or lower/1.5mA or lower	6VDC or lower/1.7mA or lower	○
	Input response time	10ms or less	1.5ms or less ^{*1}	○
Output spec.	Rated output voltage	12/24VDC	24VDC ^{*2}	○
	External power supply for output part	Voltage	10.2 to 31.2VDC	○
		Current	30mA or lower (24VDC, when all points are ON)	○
	Leakage current	0.1mA or lower	0.25mA or lower	○
	Max. load current	0.5A/point, 4A/common	0.5A/point, 3.6A/common	○
	Max. voltage drop at ON	0.5A at 0.3VDC (TYP.), 0.5A at 0.6VDC (MAX.)	0.5A at 0.3VDC (TYP.), 0.5A at 0.6VDC (MAX.)	—
	Output response time	OFF → ON: 0.5ms or less ON → OFF: 1.5ms or less	OFF → ON: 0.5ms or less ON → OFF: 1.5ms or less	—
Product size (W × H × D) [mm]		64 × 170 × 70	179 × 50 × 40	○

*1 The response time will be shorter. Ensure that no incorrect input occurs due to noise.

*2 The rated output voltage for output part is only 24V (12V is not available).

External dimensions

AJ65DBTB1-32DT1	AJ65SBTB1-32DT	Any differences
 Dimensions of AJ65DBTB1-32DT1 module: - Top view: 64 mm width, 55 mm mounting hole spacing, 161 mm height, 170 mm total height. - Side view: 70 mm depth, 80 mm base width, 4 mm base height. - Bottom view: 2 - φ5 mounting hole (M4 mounting screw).	 Dimensions of AJ65SBTB1-32DT module: - Top view: 179 mm width, 40 mm height. - Front view: 170 mm mounting pitch, 2 - 4.5 x 5.1 mounting hole (M4 mounting screw), 16.5 mm height, 50 mm total height, 89 mm base width. - Side view: Approx. 105° angle, Center of DIN rail, 7.0 mm offset.	○

(Unit: mm)

6.4 Relay Output Module

Replacement of the AJ65DBTB1-32R

The screw size for the terminal block will change from M3.5 to M3. If you are using round solderless terminals, replace with M3-compatible terminals.

Item		Model to be discontinued	Alternative model	Any differences
		AJ65DBTB1-32R	AJ65SBTB2N-16R × 2	
Module power supply (current)		80mA or lower	240mA or lower 120mA or lower × 2	○
Output spec.	Rated switching voltage/current	24VDC, 2A (resistance load)/1 point, 240VAC, 2A (cosΦ = 1)/1 point, 4A/1 common	24VDC, 2A (resistance load)/1 point, 240VAC, 2A (cosΦ = 1)/1 point, 8A/1 common	○
	Min. switching load	5VDC, 1mA	5VDC, 1mA	—
	Max. switching voltage	264VAC, 125VDC	264VAC, 125VDC	—
	Max. switching frequency	3600 times/hour	3600 times/hour	—
	Output response time	OFF → ON: 10ms or less ON → OFF: 12ms or less	OFF → ON: 10ms or less ON → OFF: 12ms or less	—
Wiring method for common		8 points per common (1-wire, terminal block type)	16 points per common (2-wire, terminal block type)	○
Product size (W × H × D) [mm]		64 × 170 × 70	179 × 50 × 40	○

External dimensions

AJ65DBTB1-32R	AJ65SBTB2N-16R	Any differences
64 55 170 161 2 - φ5 mounting hole (M4 mounting screw) 80 4	40 179 170 (Mounting pitch) 2 - 4.5 × 5.1 mounting hole (M4 mounting screw) 50 89 7.9 Center of DIN rail Approx. 105°	○

(Unit: mm)

6.5 DC Input/Relay Output Module

Replacement of the AJ65DBTB1-32DR

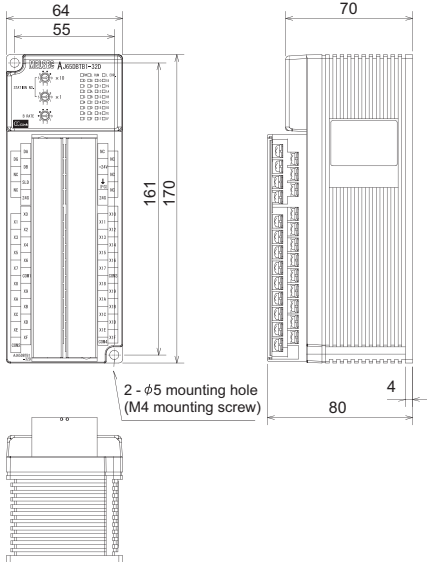
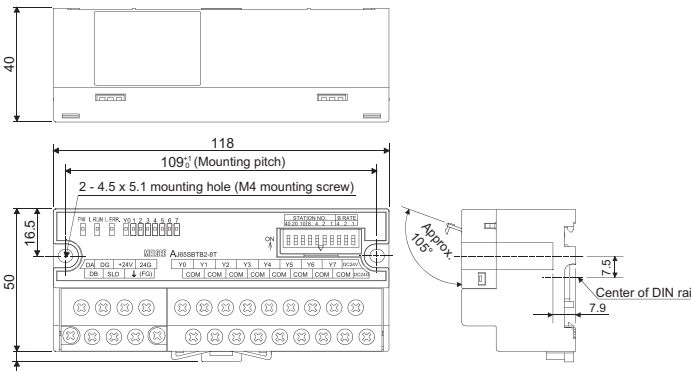
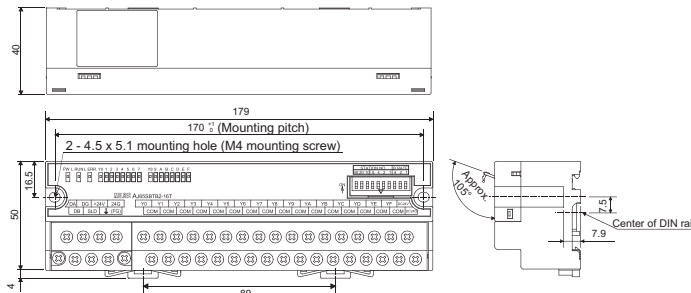
The screw size for the terminal block will change from M3.5 to M3. If you are using round solderless terminals, replace with M3-compatible terminals.

Item		Model to be discontinued	Alternative model	Any differences
		AJ65DBTB1-32DR	AJ65SBTB1-16D + AJ65SBTB2N-16R	
Module power supply (current)		65mA or lower	155mA or lower (35mA or lower + 120mA or lower)	○
Input spec.	Common type	Positive/negative common shared type	Positive/negative common shared type	—
	Rated input voltage	24VDC (20.4 to 31.2VDC)	24VDC (19.2 to 26.4VDC)	○
	Rated input current	Approx. 5mA	Approx. 7mA	○
	Input resistance	Approx. 4.7kΩ	Approx. 3.3kΩ	○
	ON voltage/ON current	15V or higher/3mA or higher	14V or higher/3.5mA or higher	○
	OFF voltage/OFF current	5V or lower/1.5mA or lower	6V or lower/1.7mA or lower	○
	Input response time	10ms or less	1.5ms or less ^{*1}	○
Output spec.	Rated switching voltage/current	24VDC, 2A (resistance load)/1 point, 240VAC, 2A (cosΦ = 1)/1 point, 4A/1 common	24VDC, 2A (resistance load)/1 point, 240VAC, 2A (cosΦ = 1)/1 point, 8A/1 common	○
	Min. switching load	5VDC, 1mA	5VDC, 1mA	—
	Max. switching voltage	264VAC, 125VDC	264VAC, 125VDC	—
	Max. switching frequency	3600 times/hour	3600 times/hour	—
	Output response time	OFF → ON: 10ms or less ON → OFF: 12ms or less	OFF → ON: 10ms or less ON → OFF: 12ms or less	—
	Wiring method for common	8 points per common (1-wire, terminal block type)	16 points per common (2-wire, terminal block type)	○
Product size (W × H × D) [mm]		194 × 50 × 68	118 × 50 × 40 + 179 × 50 × 40	○

*1 The response time will be shorter. Ensure that no incorrect input occurs due to noise.

FA-A-0493-A

External dimensions

AJ65DBTB1-32DR	AJ65SBTB1-16D + AJ65SBTB2N-16R	Any differences
	AJ65SBTB1-16D  AJ65SBTB2N-16R 	○

(Unit: mm)

FA-A-0493-A

REVISIONS

Version	Date of Issue	Revision
A	August 2026	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.