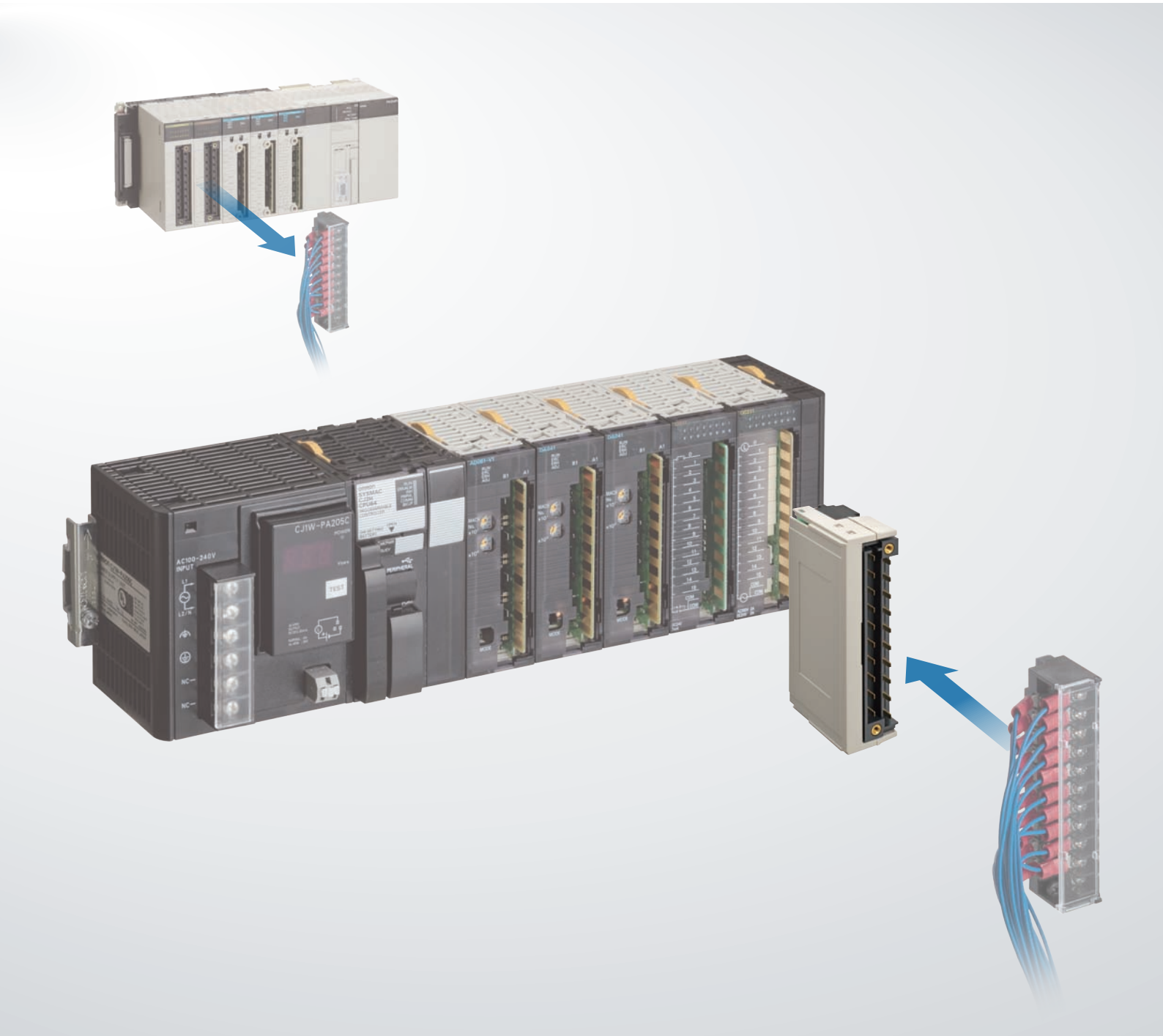
CS I/O Terminal Block Conversion Adapters · Conversion Cables

CJ1W-AT6□□/CJ1W-CM2□□-□□

From CS to CJ/NX: Easy reliable replacement using existing terminal block wiring



Easy reliable replacement using existing CS terminal block wiring

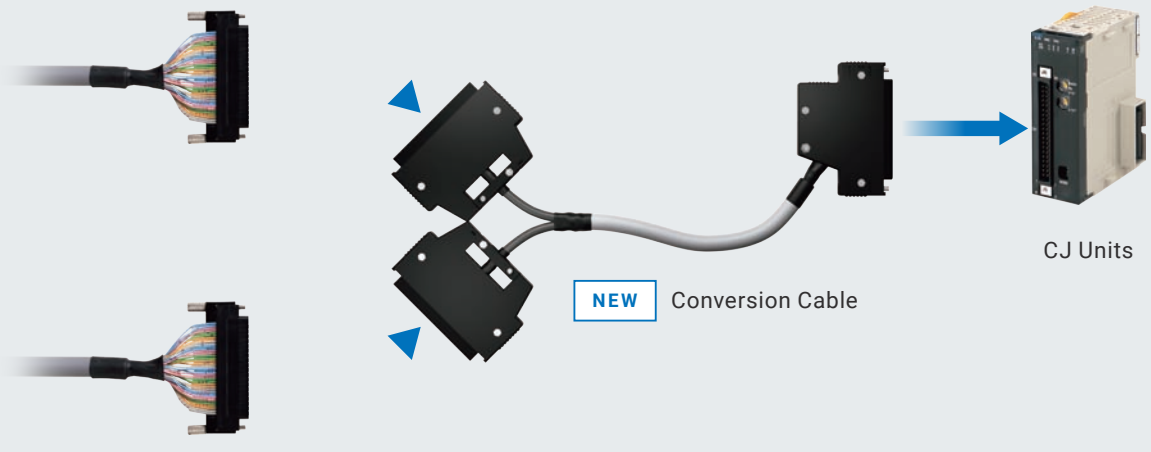
The CS I/O Terminal Block Conversion Adapter lets you replace with the CJ Series using existing I/O terminal block wiring.

No re-wiring and wiring checks necessary

The CS I/O Terminal Block Conversion Adapter lets you use your existing CS terminal block, eliminating the need for I/O rewiring. This means no wiring work and wiring checks, and therefore much less time is needed for installation, configuration, and test runs when replacing with the CJ or NX Series.
Conversion cables can also be connected to CJ1W High-Speed Counter Units and Position Control Units using your existing wiring connectors.

CS I/O Terminal Block Conversion Adapters

CS I/O Conversion Cables



Easy three-step installation

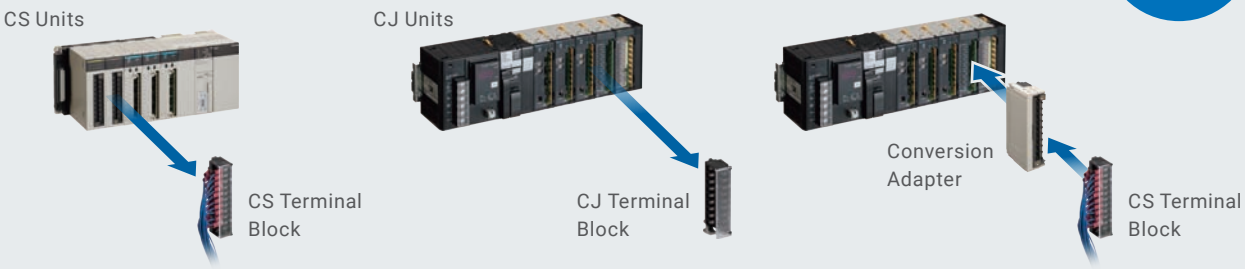
Easy three-step terminal block replacement lets you slash engineering workload.

1 Remove your terminal block from the CS product you're using.

2 Remove the terminal block from the CJ product you're replacing with.

3 Attach the conversion adapter and the CS terminal block to the CJ product.

Three-step



Wide range of supported I/O units

Our new conversion adapters and conversion cables support as many as 22 I/O unit models*1, making it possible for a wide range of units to be reliably replaced without rewiring.

22 models supported *1

List of conversion adapters and supported models

Units			Conversion Adapters
Type	From	▶ To	Model
Relay Output Unit, 8 points	CS1W-OC201	CJ1W-OC201	CJ1W-AT601
Triac Output Unit, 8 points	CS1W-OA201	CJ1W-OA201*2	CJ1W-AT602
		CJ1W-OA201-1	
AC Input Unit, 16 points	CS1W-IA111	CJ1W-IA111	CJ1W-AT611
Relay Output Unit, 16 points	CS1W-OC211	CJ1W-OC211	
DC Input Unit, 16 points	CS1W-ID211	CJ1W-ID211	
		NX-ID5142-1	
Interrupt Input Unit, 16 points	CS1W-INT01	CJ1W-INT01	
		NX-ID5142-1	
Quick-response Input Unit, 16 points	CS1W-IDP01	CJ1W-IDP01	
		NX-ID5142-1	
Transistor Output Unit, 16 points, Sinking	CS1W-OD211	CJ1W-OD211	CJ1W-AT612
		NX-OD5121-1	
Transistor Output Unit, 16 points, Sourcing	CS1W-OD212	CJ1W-OD212	
		NX-OD5256-1	
Analog Output Unit, 4 points	CS1W-DA041	CJ1W-DA041	CJ1W-AT641
Analog Input Unit, 4 points	CS1W-AD041-V1	CJ1W-AD041-V1	CJ1W-AT681
Analog Input Unit, 8 points	CS1W-AD081-V1	CJ1W-AD081-V1	
Analog Output Unit, 8 points	CS1W-DA08V	CJ1W-DA08V	CJ1W-AT682
Analog Output Unit, 8 points	CS1W-DA08C	CJ1W-DA08C	

*1. When replacing CS with CJ

*2. CJ1W-OA201 is not UC1 cULus (Class I Division 2 hazardous location certification).
If cULus (Class I Div 2 hazardous location certification) is required, use CJ1W-OA201-1.

List of conversion cables and supported models

Units			Conversion Cables
Type	From ▶	To	Model
High-speed Counter Unit, 2 channels	CS1W-CT021	CJ1W-CT021	CJ1W-CM211-CT
High-speed Counter Unit, 4 channels	CS1W-CT041	CJ1W-CT021 ×2 units	CJ1W-CM212-CT
Position Control Unit, Open-loop control by pulse train output / Open-collector output, 1 axis	CS1W-NC113	CJ1W-NC113	CJ1W-CM213-NC
Position Control Unit, Open-loop control by pulse train output / Open-collector output, 2 axes	CS1W-NC213	CJ1W-NC213	
Position Control Unit, Open-loop control by pulse train output / Open-collector output, 4 axes	CS1W-NC413	CJ1W-NC413	
Position Control Unit, Open-loop control by pulse train output / Line-driver output, 1 axis	CS1W-NC133	CJ1W-NC133	
Position Control Unit, Open-loop control by pulse train output / Line-driver output, 2 axes	CS1W-NC233	CJ1W-NC233	
Position Control Unit, Open-loop control by pulse train output / Line-driver output, 4 axes	CS1W-NC433	CJ1W-NC433	

Optional Products

Product name	Specifications	Model
Reinforcement Bracket	Vibration and Shock Reinforcement Bracket for CJ1W-AT6□□*1 (Up to 3 terminal block conversion adapters can be used per bracket)	CJ1W-ATT13

*1. Use this product when using the CJ series with a terminal block conversion adapter in an environment that is subject to continuous vibration or shock.
Note: Please use PFP-50N or PFP-100N DIN rails when installing the CJ Series.

List of I/O units that can be directly connected without rewiring or conversion adapters/cables

Unit type	From ▶ To		
	CS-series	CJ-series	NX-series
DC Input Unit, 32 points	CS1W-ID231	CJ1W-ID231	NX-ID6142-6
DC Input Unit, 64 points	CS1W-ID261	CJ1W-ID261	NX-ID6142-6 ×2 units
Transistor Output Unit, 32 points	CS1W-OD231	CJ1W-OD231	NX-OD6121-6
Transistor Output Unit, 64 points	CS1W-OD261	CJ1W-OD261	NX-OD6121-6 ×2 units
DC Input Unit / Transistor Output Unit, 32 points / 32 points	CS1W-MD261	CJ1W-MD261	NX-ID6142-6 + NX-OD6121-6

For details of the Terminal Block Conversion Adapters , Conversion Cables, refer to the data sheet (Cat. No. P169).

*The product photographs and figures that are used in this catalog may vary somewhat from the actual products.

Note: Do not use this document to operate the Unit.

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