

Before Using the Product

Please read this document before use. Keep this for future reference and make sure that end users will read this.

■ Packing list

Check that the following items are included in the package.

Purchased product	Item	Quantity
Q24DHCCPU-V-B □□□ ^{*1} (High-end model C Controller module with bundled S/W)	"Before Using the Product" (this document)	1
	High-end model C Controller module (Q24DHCCPU-V)	1
	Partners' Bundled S/W List	1
	Partners' bundled S/W ^{*2}	1
Q12DCCPU-V-B □□□ ^{*1} (Standard model C Controller module with bundled S/W)	"Before Using the Product" (this document)	1
	Standard model C Controller module (Q12DCCPU-V)	1
	Partners' Bundled S/W List	1
	Partners' bundled S/W ^{*2}	1

*1: □□□ indicates the partners' bundled S/W that is pre-installed in each module. For details, refer to "Partners' Bundled S/W List" contained in this product.

*2: The partners' bundled S/W pre-installed in each product differs depending on the purchased product. For details, refer to "Partners' Bundled S/W List" contained in this product.

■ Preparatory procedure

Start

Module mounting

Mount the power supply module and the C Controller module on the base unit.

Power supply module

- Mounting on the base unit
- Power supply wiring

C Controller module

- Battery Installation
- Mounting on the base unit

Clearing memory of C Controller module

- Install Setting/monitoring tools for the C Controller module to the development environment (Personal computer).
- Clear memory by using Setting/monitoring tools for the C Controller module.^{*1}

Hardware Diagnostics

Check the status of the C Controller module hardware.

Module mounting

Install the module to the base unit.

- CPU module (for multiple CPU system configuration)
- I/O module, intelligent function module and network module

Wiring and connection

Arrange wiring:

- Extension cable connection to the extension base unit and base number setting
- Wiring for external device(s) connected to each module
- Wiring between network modules

Initial setting of modules

Set each module switch.

- Set the RUN/STOP/MODE switch on the C Controller module to STOP.
- Set the RUN/STOP/RESET switch on each CPU module to STOP.
- Set the intelligent Function module and network module switches.

System power-on

Power on after check that:

- power supply wiring is properly arranged.
- power supply voltage is within the operational range.

Parameter setting

Create a parameter.

- Set the parameters by Setting/monitoring tools for the C Controller module.
- Connect the C Controller module and the development environment (Personal computer). (Use USB2 or S CH1. After initialization, the IP address is reset to the default. To connect via the Ethernet, use the default IP address.)
- Write the parameters to the C Controller module.

C Controller system reset

Set the RUN/STOP/MODE switch on the C Controller module to RUN. Reset the C Controller system.

Error check

Check for any error indicated by the C Controller module LEDs. Perform troubleshooting if any error is present. If any error is present in other than the C Controller module, refer to and follow the manual for respective module(s) to perform troubleshooting.

User program creation

Create the user program.

- Install CW Workbench or Wind River Workbench to the development environment (Personal computer).
- Create a user program and script file(s).
- Connect the C Controller module and the development environment (Personal computer). (Use CH1 or CH2. After initialization, the IP address is reset to the default. To connect via the Ethernet, use the default IP address.)
- Register the user program to the C Controller module.
- Debug the user program.

Operation

*1: Select "Clear" from [Online] - [Battery backup RAM monitor] of Setting/monitoring tools for the C Controller module.

REMARKS

When C controller module is initialized by operating the hardware, the pre-installed partners' bundled S/W in the module is deleted. For the re-installation method of the partners' bundled S/W, refer to the manual of the partners' bundled S/W, or consult with the manufacturer of the partners' bundled S/W.