

TECHNICAL BULLETIN

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[Title] External appearance changes of the High Performance model QCPU, Process CPU, and Redundant CPU, associated with the addition of available memory cards, and addition of a memory card protective cover to the Q3MEM-4MBS-SET

[Date of Issue] February 2014

[Relevant Models] Q02CPU, Q02HCPU, Q06HCPU, Q12HCPU, Q25HCPU, Q02PHCPU, Q06PHCPU, Q12PHCPU, Q25PHCPU, Q12PRHCPU, Q25PRHCPU, Q3MEM-4MBS-SET

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

This bulletin announces the following changes in the High Performance model QCPU, Process CPU, Redundant CPU, and Q3MEM-4MBS-SET among the MELSEC-Q series.

- (1) For the High Performance model QCPU, Process CPU, and Redundant CPU, the SRAM card Q3MEM-4MBS model becomes available. Accordingly, to make the memory card protective cover attached, the external appearances are changed.
- (2) To the memory card protective covers packaged with the Q3MEM-4MBS-SET, the Q3MEM-CV-H is added besides the standard Q3MEM-CV. For the High Performance model QCPU, Process CPU, and Redundant CPU, set the Q3MEM-CV-H. Note that the Q3MEM-CV can be attached to the Universal model QCPU only.

1 Change of the CPU modules

1.1 Addition of the CPU modules capable of using the Q3MEM-4MBS

The Q3MEM-4MBS can be used with the following CPU modules.

CPU module		Model
Newly available types from this change	High Performance model QCPU	Q02CPU, Q02HCPU, Q06HCPU, Q12HCPU, Q25HCPU
	Process CPU	Q02PHCPU, Q06PHCPU, Q12PHCPU, Q25PHCPU
	Redundant CPU	Q12PRHCPU, Q25PRHCPU
Conventionally available type	Universal model QCPU	Q02UCPU, Q03UDCPU, Q03UDECPU, Q04UDHCPU, Q04UDEHCPU, Q06UDHCPU, Q06UDEHCPU, Q10UDHCPU, Q10UDEHCPU, Q13UDHCPU, Q13UDEHCPU, Q20UDHCPU, Q20UDEHCPU, Q26UDHCPU, Q26UDEHCPU, Q50UDEHCPU, Q100UDEHCPU

Note that the Q3MEM-8MBS can be used for the Universal model QCPU only, not for the High Performance model QCPU, Process CPU, and Redundant CPU.

1.2 Change in external appearances of the CPU modules

To allow the memory card protective cover to be attached, external appearances of the High Performance model QCPU, Process CPU, and Redundant CPU are changed as shown in the next page.

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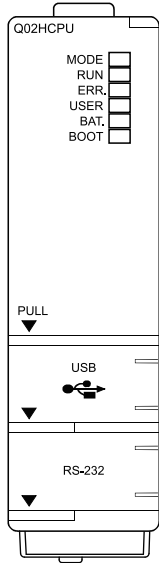
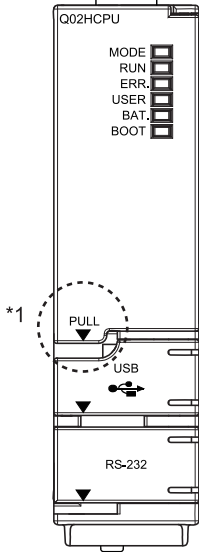
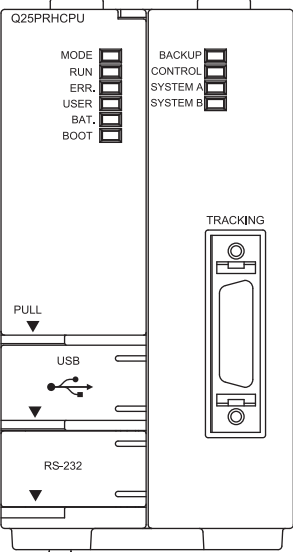
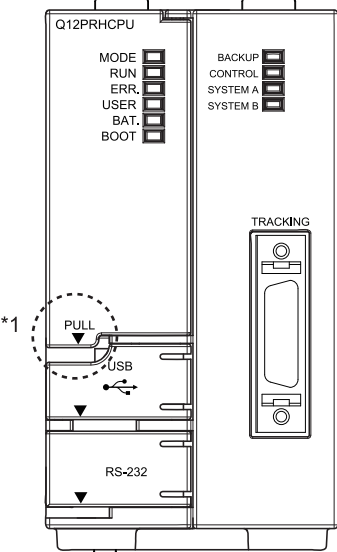
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(1) Lid closed state

The lid shapes are changed to prevent the lower slit from being exposed with the lid closed. (figure below*1)

CPU module	Before change (modules not supporting the Q3MEM-4MBS)	After change (modules supporting the Q3MEM-4MBS)
High Performance model QCPU, Process CPU		
Redundant CPU		

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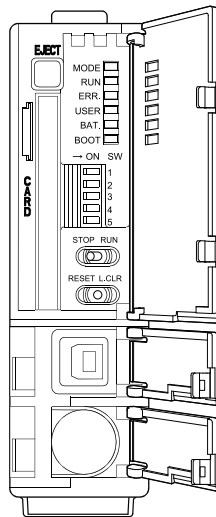
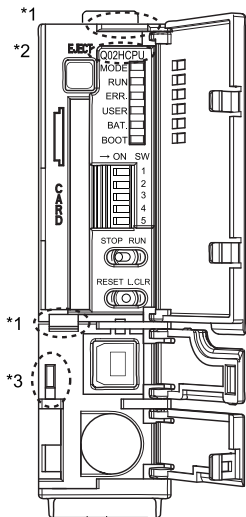
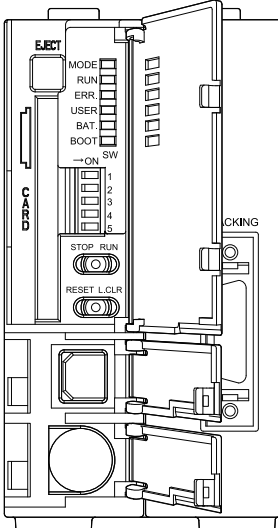
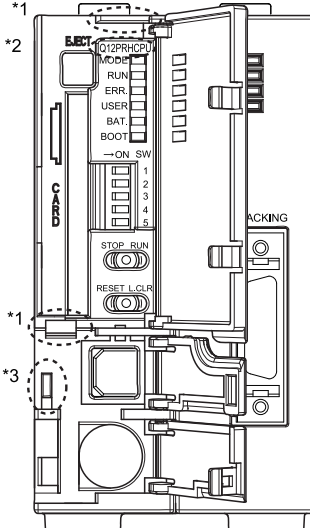
[Relevant Models] Q02CPU, Q02HCPU, Q06HCPU, Q12HCPU, Q25HCPU, Q02PHCPU, Q06PHCPU, Q12PHCPU, Q25PHCPU, Q12PRHCPU, Q25PRHCPU, Q3MEM-4MBS-SET

(2) Lid opened state

To make the memory card protective cover (Q3MEM-CV-H) attached, slits are added. (figure below*1)

To easily check the model name with the Q3MEM-4MBS attached, the model name display is added. (figure below*2)

Along with the shape change of the USB connector lid, the shape of the lid lock part is changed. (figure below*3)

CPU module	Before change (modules not supporting the Q3MEM-4MBS)	After change (modules supporting the Q3MEM-4MBS)
High Performance model QCPU, Process CPU		
Redundant CPU		

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2 Change of the Q3MEM-4MBS-SET

2.1 Change of the products packaged with the Q3MEM-4MBS-SET

The memory card protective covers packaged with the Q3MEM-4MBS-SET are changed as follows.

Model	Before change	After change
Q3MEM-4MBS-SET	Packaged with the following one product. • Q3MEM-CV	Packaged with the following two products. • Q3MEM-CV • Q3MEM-CV-H

For the High Performance model QCPU, Process CPU, and Redundant CPU, note that the Q3MEM-CV-H is not included in the Q3MEM-8MBS-SET as the Q3MEM-8MBS is not available for them.

2.2 Change of the memory card protective cover

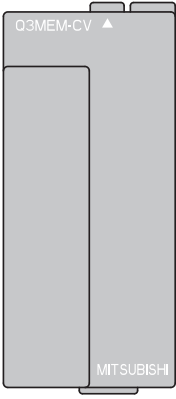
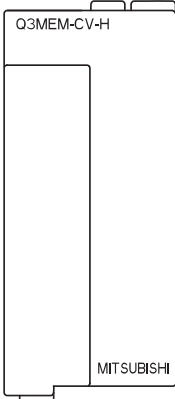
(1) CPU modules capable of attaching the Q3MEM-CV or Q3MEM-CV-H

The corresponding CPU modules are as follows.

Memory card protective cover	Attachable CPU modules
Q3MEM-CV	Universal model QCPU
Q3MEM-CV-H	High Performance model QCPU, Process CPU, and Redundant CPU

(2) How to distinguish between the memory card protective covers (the Q3MEM-CV and the Q3MEM-CV-H)

The color and lower shape are different between the Q3MEM-CV and the Q3MEM-CV-H as follows.

Difference	Q3MEM-CV	Q3MEM-CV-H
Shape viewed from the front		
Color	Gray	Colorless

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3 Applicable products and the version after change

For the High Performance model QCPU, Process CPU, and Redundant CPU, the changes are implemented since the following version.

Although the Q3MEM-4MBS-SET has no version, the changes also take place at the following changeover period.

Product	Model	Version after change		Changeover period *1
		Serial number	Serial number location	
High Performance model QCPU	Q02CPU	First five digits is 16021 or later	Check the number in either of the following. • SERIAL field in the rating plate on the side of the module • Serial number display plate on the front lower part of the module	February 2014
	Q02HCPU			
	Q06HCPU			
	Q12HCPU			
	Q25HCPU			
Process CPU	Q02PHCPU			
	Q06PHCPU			
	Q12PHCPU			
	Q25PHCPU			
Redundant CPU	Q12PRHCPU			
	Q25PRHCPU			
Memory card	Q3MEM-4MBS-SET	-	-	

*1 Depending on the stock situation, the products before change may be delivered no earlier than the changeover period. Please be understanding of this matter.