

TECHNICAL BULLETIN

[Issue No.] FA-A-0138

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[Title] Specification change of current consumption of CompactFlash card

[Date of Issue] July 2012

[Relevant Models] QD81MEM-512MBC, QD81MEM-1GBC, QD81MEM-2GBC,
QD81MEM-4GBC, QD81MEM-8GBC, QD81DL96, Q12DCCPU-V,
Q06CCPU-V, QJ71WS96, QJ71MES96

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

The specification of the current consumption of CompactFlash card is changed.

Note that the 5VDC internal current consumption of module to which a CompactFlash card is installed is also changed due to this change.

When using a modified CompactFlash card, refer to the following manual and understand how the specification change affects the programmable controller system (insufficient power capacity of power supply module, increased amount of heat generation, or the like).

Reference manual: QCPU User's Manual (Hardware Design, Maintenance and Inspection)
[Manual number: sh080483eng]

1. Specification change of CompactFlash card

The hardware version is changed to "C" because the part used in a CompactFlash card is changed due to the production discontinuation of the part. The following shows the changed specifications.

Hardware version	"B" or earlier	"C"
Current consumption	3.3VDC 0.08A/5VDC 0.10A	3.3VDC 0.12A/5VDC 0.18A
Country of production	TAIWAN	JAPAN

The specifications can be checked on the label on the CompactFlash card.

Hardware version:
Indicated by the alphabet suffixed to the 4-digit number.

MITSUBISHI
注意 CAUTION (PASSED)
 ・強いショックを与えないこと。
 Do not subject to mechanical shock!
 不要给予强烈冲击。
 ・高温・直射日光・水にさらさないこと。
 Do not expose to extreme temperature,
 strong sunlight or moisture!
 不要放在高温, 直射阳光或潮湿的环境中。

MODEL QD81MEM-512MBC

DATE 1206C 3.3VDC 0.12A/5VDC 0.18A

80M1 IND.CONT.EQ.
UL US LISTED **CE**
MITSUBISHI ELECTRIC CORPORATION
 MADE IN JAPAN BD999C583H04
 See safety guidelines included in Q3□B.

Country of production

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2. 5VDC internal current consumption of module to which a CompactFlash card is installed

When a modified CompactFlash card is installed to any of the following modules, the 5VDC internal current consumption of the module is changed.

Module name	Module model	5VDC internal current consumption	
		Hardware version "B" or earlier CompactFlash card	Hardware version "C" CompactFlash card
High speed data logger module	QD81DL96	0.46A	0.50A
C Controller module	Q12DCCPU-V	0.93A	0.97A
	Q06CCPU-V	0.71A	0.75A
Web server module	QJ71WS96	0.65A	0.69A
MES interface module	QJ71MES96	0.65A	0.69A

3. Notes on modification

The modification has been applied to the products since June 2012.

Note that the hardware version "B" or earlier products and the hardware version "C" products may be mixed in distribution.

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