

Sales and Service

Notice of Error Correction for Motion Module Current Consumption

Thank you for your continued patronage of the Mitsubishi motion controllers. Errors were found in the user's manuals that include description of motion modules (Q173PX, Q173PX-S1, Q172EX-S2 and Q172EX-S3). Please read the following descriptions and be aware when using the motion module. We apologize for any inconvenience this may cause.

Whereas

1. Target Manuals

Target manuals are listed in Table 1

Table 1. List of Target Manuals

Manual name	Manual No. - Version	Relevant page
Q173CPU(N)/Q172CPU(N) User's Manual	IB(NA)-0300040-D	2-15, 2-41, 2-42, 2-52, 2-63, 3-18
Q173HCPU/Q172HCPU User's Manual	IB(NA)-0300110-C	2-11, 2-36, 2-37, 2-47, 2-57, 3-19

2. List of corrections

Refer to the next page.

3. Issue schedule of manuals including a list of corrections

User's manuals including a list of corrections are issued as indicated in Table 2.

Table 2. Issue schedule of user's manuals including a list of corrections

Manual name	Manual No. - Version	Issue schedule
Q173CPU(N)/Q172CPU(N) User's Manual	IB(NA)-0300040-D	March 2008
Q173HCPU/Q172HCPU User's Manual	IB(NA)-0300110-C	March 2008

Date of issue	March 2008	Title	Notice of Error Correction for Motion Module Current Consumption	Mitsubishi Electric Corp., Nagoya Works 5-1-14 Yada-minami, Higashi-ku, Nagoya 461-8670 Tel.: +81 (52) 721-2111 Main line
----------------------	------------	--------------	--	---

List of Corrections for Motion Controller Q Series User's Manual

Errors were found in the user's manuals that include description of motion modules (Q173PX, Q173PX-S1, Q172EX-S2 and Q172EX-S3).
Please be aware when using the motion module.

1. Target Manuals

Manual name	Manual No. - Version
Q173CPU(N)/Q172CPU(N) User's Manual	IB(NA)-0300040-D
Q173HCPU/Q172HCPU User's Manual	IB(NA)-0300110-C

2. Correction details

(1) Q173PX/Q173PX-S1 current consumption (5VDC)

Relevant manual	Details																																																										
<ul style="list-style-type: none"> ● Q173CPU(N)/Q172CPU(N) User's Manual IB(NA)-0300040-D [2-15 page, 2-41 page] [2-42 page, 2-63 page] [3-18 page] ● Q173HCPU/Q172HCPU User's Manual IB(NA)-0300110-C [2-11 page, 2-36 page] [2-37 page, 2-57 page] [3-19 page] 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 30%;">Error</td> <td style="width: 30%;">Item</td> <td colspan="2" style="text-align: center;">Specifications</td> </tr> <tr> <td></td> <td style="width: 20%; text-align: center;">Q173PX</td> <td style="width: 20%; text-align: center;">Q173PX-S1</td> </tr> <tr> <td></td> <td>Memory for data exchange</td> <td style="text-align: center;">None</td> <td style="text-align: center;">Provided</td> </tr> <tr> <td></td> <td>Number of I/O occupying points</td> <td colspan="2" style="text-align: center;">32 points (I/O allocation: Intelligent, 32points)</td> </tr> <tr> <td></td> <td>Internal current consumption (5VDC)[A]</td> <td colspan="2" style="text-align: center;">0.11</td> </tr> <tr> <td></td> <td>Exterior dimensions [mm(inch)]</td> <td colspan="2" style="text-align: center;">98(H)×27.4(W)×90(D)</td> </tr> <tr> <td></td> <td>Mass [kg]</td> <td colspan="2" style="text-align: center;">0.15</td> </tr> <tr> <td colspan="4" style="text-align: center;"></td> </tr> <tr> <td rowspan="2">Correction</td> <td>Item</td> <td colspan="2" style="text-align: center;">Specifications</td> </tr> <tr> <td></td> <td style="text-align: center;">Q173PX</td> <td style="text-align: center;">Q173PX-S1</td> </tr> <tr> <td></td> <td>Memory for data exchange</td> <td style="text-align: center;">None</td> <td style="text-align: center;">Provided</td> </tr> <tr> <td></td> <td>Number of I/O occupying points</td> <td colspan="2" style="text-align: center;">32 points (I/O allocation: Intelligent, 32points)</td> </tr> <tr> <td></td> <td>Internal current consumption (5VDC)[A]</td> <td style="text-align: center;">0.34</td> <td style="text-align: center;">0.38</td> </tr> <tr> <td></td> <td>Exterior dimensions [mm(inch)]</td> <td colspan="2" style="text-align: center;">98(H)×27.4(W)×90(D)</td> </tr> <tr> <td></td> <td>Mass [kg]</td> <td colspan="2" style="text-align: center;">0.15</td> </tr> </table>	Error	Item	Specifications			Q173PX	Q173PX-S1		Memory for data exchange	None	Provided		Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)			Internal current consumption (5VDC)[A]	0.11			Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)			Mass [kg]	0.15						Correction	Item	Specifications			Q173PX	Q173PX-S1		Memory for data exchange	None	Provided		Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)			Internal current consumption (5VDC)[A]	0.34	0.38		Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)			Mass [kg]	0.15	
	Error		Item	Specifications																																																							
		Q173PX	Q173PX-S1																																																								
	Memory for data exchange	None	Provided																																																								
	Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)																																																									
	Internal current consumption (5VDC)[A]	0.11																																																									
	Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)																																																									
	Mass [kg]	0.15																																																									
Correction	Item	Specifications																																																									
		Q173PX	Q173PX-S1																																																								
	Memory for data exchange	None	Provided																																																								
	Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)																																																									
	Internal current consumption (5VDC)[A]	0.34	0.38																																																								
	Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)																																																									
	Mass [kg]	0.15																																																									

(2) Q172EX-S2/Q172EX-S3 current consumption (5VDC)

Relevant manual	Details																																																										
<ul style="list-style-type: none"> ● Q173CPU(N)/Q172CPU(N) User's Manual IB(NA)-0300040-D [2-15 page, 2-41 page] [2-52 page] ● Q173HCPU/Q172HCPU User's Manual IB(NA)-0300110-C [2-11 page, 2-36 page] [2-37 page, 2-47 page] [3-19 page] 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 30%;">Error</td> <td style="width: 30%;">Item</td> <td colspan="2" style="text-align: center;">Specifications</td> </tr> <tr> <td></td> <td style="width: 20%; text-align: center;">Q172EX-S2</td> <td style="width: 20%; text-align: center;">Q172EX-S3</td> </tr> <tr> <td></td> <td>Memory for data exchange</td> <td style="text-align: center;">None</td> <td style="text-align: center;">Provided</td> </tr> <tr> <td></td> <td>Number of I/O occupying points</td> <td colspan="2" style="text-align: center;">32 points (I/O allocation: Intelligent, 32points)</td> </tr> <tr> <td></td> <td>Internal current consumption (5VDC)[A]</td> <td colspan="2" style="text-align: center;">0.07</td> </tr> <tr> <td></td> <td>Exterior dimensions [mm(inch)]</td> <td colspan="2" style="text-align: center;">98(H)×27.4(W)×90(D)</td> </tr> <tr> <td></td> <td>Mass [kg]</td> <td colspan="2" style="text-align: center;">0.15</td> </tr> <tr> <td colspan="4" style="text-align: center;"></td> </tr> <tr> <td rowspan="2">Correction</td> <td>Item</td> <td colspan="2" style="text-align: center;">Specifications</td> </tr> <tr> <td></td> <td style="text-align: center;">Q172EX-S2</td> <td style="text-align: center;">Q172EX-S3</td> </tr> <tr> <td></td> <td>Memory for data exchange</td> <td style="text-align: center;">None</td> <td style="text-align: center;">Provided</td> </tr> <tr> <td></td> <td>Number of I/O occupying points</td> <td colspan="2" style="text-align: center;">32 points (I/O allocation: Intelligent, 32points)</td> </tr> <tr> <td></td> <td>Internal current consumption (5VDC)[A]</td> <td colspan="2" style="text-align: center;">0.19</td> </tr> <tr> <td></td> <td>Exterior dimensions [mm(inch)]</td> <td colspan="2" style="text-align: center;">98(H)×27.4(W)×90(D)</td> </tr> <tr> <td></td> <td>Mass [kg]</td> <td colspan="2" style="text-align: center;">0.15</td> </tr> </table>	Error	Item	Specifications			Q172EX-S2	Q172EX-S3		Memory for data exchange	None	Provided		Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)			Internal current consumption (5VDC)[A]	0.07			Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)			Mass [kg]	0.15						Correction	Item	Specifications			Q172EX-S2	Q172EX-S3		Memory for data exchange	None	Provided		Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)			Internal current consumption (5VDC)[A]	0.19			Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)			Mass [kg]	0.15	
	Error		Item	Specifications																																																							
		Q172EX-S2	Q172EX-S3																																																								
	Memory for data exchange	None	Provided																																																								
	Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)																																																									
	Internal current consumption (5VDC)[A]	0.07																																																									
	Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)																																																									
	Mass [kg]	0.15																																																									
Correction	Item	Specifications																																																									
		Q172EX-S2	Q172EX-S3																																																								
	Memory for data exchange	None	Provided																																																								
	Number of I/O occupying points	32 points (I/O allocation: Intelligent, 32points)																																																									
	Internal current consumption (5VDC)[A]	0.19																																																									
	Exterior dimensions [mm(inch)]	98(H)×27.4(W)×90(D)																																																									
	Mass [kg]	0.15																																																									