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[Issue No.] FA-Y-0002

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[Title] Specification change of Mitsubishi PLC MELSEC-Q series
Energy measuring module/Insulation monitoring module

[Date of Issue] January 2014

[Relevant Models] Energy measuring module (QE81WH/QE81WH4W)、Insulation monitoring module (QE82LG)

We would like to inform you that specifications of MELSEC-Q series energy measuring module / insulation monitoring module have been changed as follows.

1. Models

Product	Model
Energy measuring module	QE81WH
	QE81WH4W
Insulation monitoring module	QE82LG

※Model names have not been changed.

2. Contents of the change

Specifications are changed to correspond to below functions.

No	Item	Changed contents	QE81WH	QE81WH4W	QE82LG
1	GX Works2 Support	Corresponds to product support of GX Works2 intelligent function unit (For GX Works2 Ver1.90U or higher than that)	Yes	Yes	Yes
2	Front part Serial No. Printing	Added front part serial No. printing	Yes	Yes	Yes
3	Change of the name plate	Changed corporate logo of the name plate and added QR code	Yes	Already done with previous models	Yes
4	Addition of data acquisition clock	Added data acquisition clock to notify the timing for measured data collection	Yes	Already done with previous models	No
5	Addition of measuring function of reactive power	Added measuring function of reactive power	Yes	Already done with previous models	No

※For details, please refer to the operation manual (details).

3. Period for the change

- Changed from shipment in September 2012

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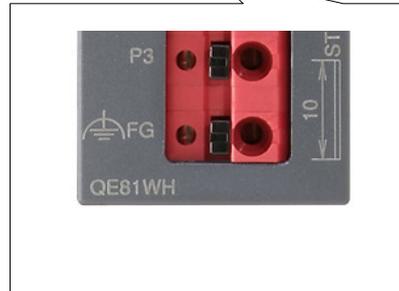
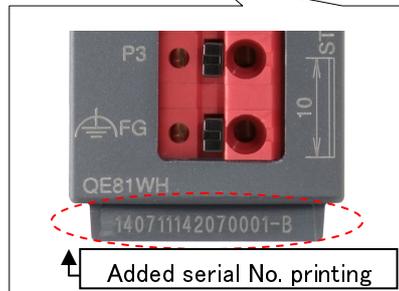
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4. Changed contents

Changes are as follows.

Chart 1 : Energy measuring unit QE81WH

No	Item	Before the change	After the change
-	Product	Energy measuring unit	
-	Model	QE81WH	
1	GX Works2 Support	-	<p>Corresponds to GX Works2 functions below.</p> <ul style="list-style-type: none"> • Switching settings • Parameter settings • Automatic refreshment • Intelligent function unit monitoring • Use of sample comments <p>Please note that it does not correspond to H/W information display.</p>
2	Front part serial No. printing	 	  <div style="border: 1px solid black; padding: 2px; display: inline-block;"> ↑ Added serial No. printing </div>

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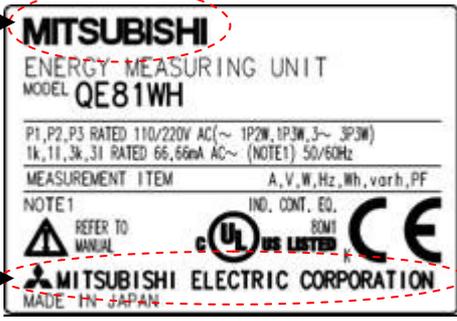
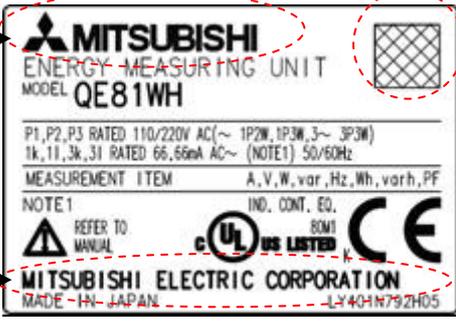
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3	Change of the name plate	 <p>Before the change of corporate logo</p>	<p style="text-align: right;">Added QR code</p>  <p>After the change of corporate logo</p>
4	Addition of data acquisition clock	<p>No data acquisition clock function</p> <ul style="list-style-type: none"> • Buffer memory (address 60,61) : Not used • Input device Xn8 : Not used 	<p>Added data acquisition clock function</p> <ul style="list-style-type: none"> • Buffer memory (address 60,61) : Output cycle of data acquisition clock • Input device Xn8 : Data acquisition clock
5	Addition of reactive power measuring function	<p>No reactive power measuring function</p> <ul style="list-style-type: none"> • Buffer memory (address 500) : Not used • Buffer memory (address 502,503) : Not used 	<p>Added reactive power measuring function</p> <ul style="list-style-type: none"> • Buffer memory (address 500) : Number of decimal places of reactive power • Buffer memory (address 502,503) : Reactive power

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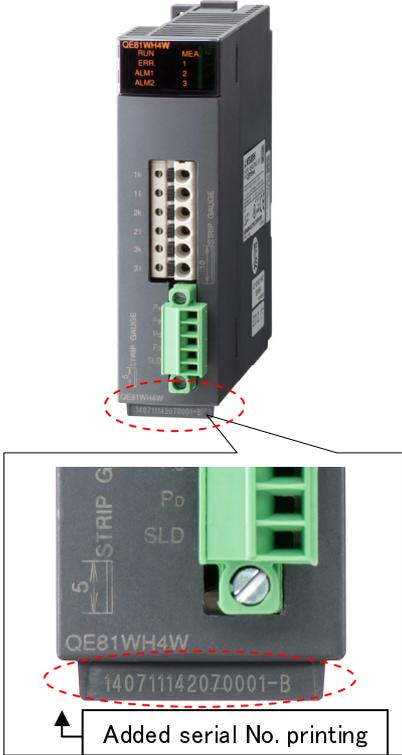
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Chart 2 : Energy measuring unit QE81WH4W

No	Item	Before the change	After the change
-	Product	Energy measuring unit	
-	Model	QE81WH	
1	GX Works2 Support	-	<p>Corresponds to GX Works2 functions below.</p> <ul style="list-style-type: none"> •Switching settings •Parameter settings •Automatic refreshment •Intelligent function unit monitoring •Use of sample comments <p>Please note that it does not correspond to H/W information display.</p>
2	Front part serial No. printing		 <p style="text-align: center;">Added serial No. printing</p>

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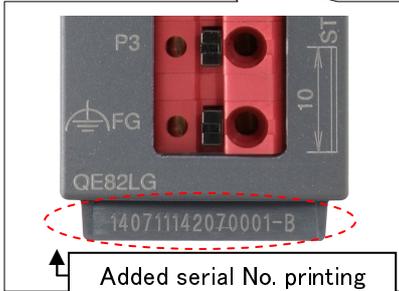
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Chart 3 : Insulation monitoring module QE82LG

No	Item	Before the change	After the change
-	Product	Energy measuring unit	
-	Model	QE81WH	
1	GX Works2 Support	-	<p>Corresponds to GX Works2 functions below.</p> <ul style="list-style-type: none"> •Switching settings •Parameter settings •Automatic refreshment •Intelligent function unit monitoring •Use of sample comments <p>Please note that it does not correspond to H/W information display.</p>
2	Front part serial No. printing	 	  <p style="text-align: center;">↑ Added serial No. printing</p>

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