

September 11, 2015

Motor Business Unit
 Smart Factory Solutions Business Division
 Automotive & Industrial Systems Company
 Panasonic Corporation

**Notice on Changes to the Terminal Block Labeling
 for Shin-G Series Compact AC Geared Motors**

Thank you for your continued cooperation and support in the early fall.
 The labeling of terminal blocks must be altered due to changes in the European standards for these parts.
 We hope for your understanding and cooperation with this matter.

■ Applicable models

G-Series Compact AC Geared Motors - With Seal Connector

- M81X25□K4***, M8RX25□K4***, M8MX25□K4***
- M91X40□K4***, M9RX40□K4***, M9MX40□K4***
- M91Z60□K4***, M9RZ60□K4***, M9MZ60□K4***
- M91Z90□K4***, M9RZ90□K4***, M9MZ90□K4***

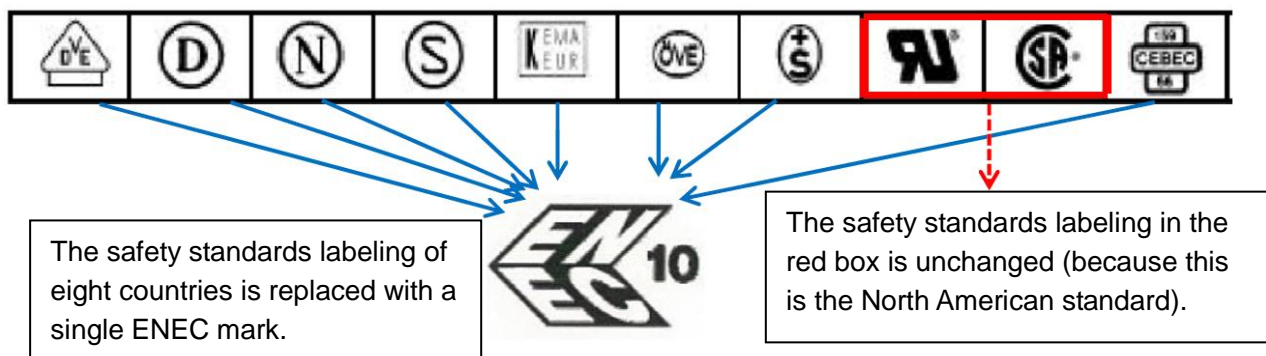
The 8th digit "K" refers to the seal connector.

The □ stands for either a "G" (pinion shaft) or "S" (round shaft).

The three asterisks represent a 1 to 3 digit number.

■ Change details and reasons

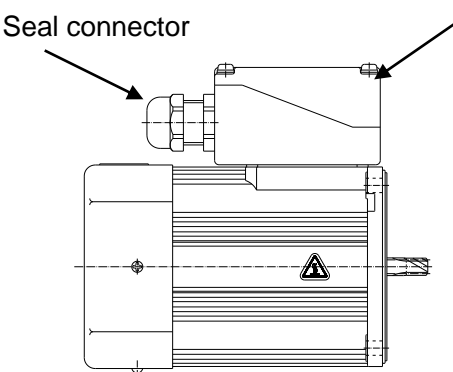
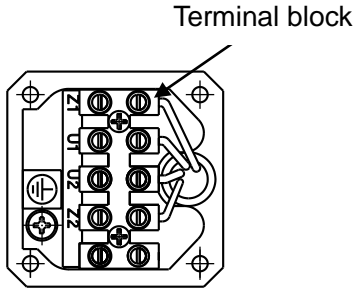
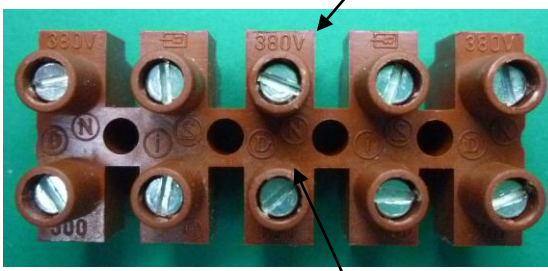
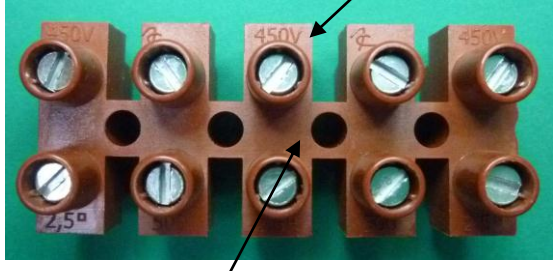
(1) The European safety standards labeling on the terminal block will change due to its unification under the ENEC standard only, in place of the various safety certifying labels of each country. There is no change to the North American standards labeling.



Note: The unified ENEC mark and the North American standard mark are displayed on the reverse of the terminal block and cannot be seen from the outside.

(2) Due to changes in the European safety standards, the rating mark will change from 380 V to 450 V.

■ The Changes

<p>External appearance</p>	<p>Motor external appearance (e.g. M91Z90GK4L)</p> 	<p>Inside the terminal box (e.g. M91Z90GK4L) Diagram looking down on the device with the cover removed</p> 
<p>Places changed on the terminal block</p>	<p>Old product</p>  <p>380 V</p> <p>Standard marks of different countries</p>	<p>New product</p>  <p>450 V</p> <p>The unified ENEC standard mark is on the reverse side.</p>

- This change will have no effect on product dimensions, properties or reliability. The materials are also unchanged, so there is no effect on substances with environmental impact.

■ Timing

The changes have been applied for production lots from July 2015.

(Apology)

Initially we did not publicize this change as it did not affect the validity of the standards and there was no change to the product specifications, the materials and so on, but we decided to do so to bring notice to the change in the external labeling.

The change to this shared mark is voluntary, not compulsory. The change has been done from July as we received notification of the change from the terminal block manufacturer.

The validity of the standards remains unchanged, and there is no need to take action on items in the inventory, including the distributors' inventory.

There is no problem with products which already have it attached.

We apologize for the delay in informing you.

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