

September 2, 2024

Industrial Device Business Division,
Panasonic Industry Co., Ltd.

**Software Update Notice
for AC Servo Driver (MINAS A6NE/A6NF/A6NL/A6NM Series)**

Thank you for your daily support and efforts to our business.
As described below, we will update the software version for MINAS A6NE, A6NF, A6NL (Special Order Products) and A6NM (Special Order Products) Series.
We would appreciate your understanding and cooperation with this matter.

- Affected Models:
AC Servo drivers of all MINAS A6NE, A6NF, A6NL and A6NM Series.
Part number:

M * D L * * * N *

Starting with M, with DL as the 3rd and 4th characters, N as the 8th character, and E, F, L or M as the 9th character from the left.

- Change schedule:
Starting from July 2024 production lot onwards.
- Description and Reason for the Change:
The software version will be update from Ver1.28 to Ver1.29 for functionality improvement purposes.

No.	Function	Ver1.28	➔	Ver1.29
1	Extension of profile home position return function	Not supported		Supports switching from profile home position return mode to CP control mode

[Details of Changed Contents]

- No. 1) Profile home position return function has been added.
 - CP control (cyclic position control) mode can be switched from profile home position return mode (Type Code=31h, 32h, 33h, 34h, 36h) .
 - * In profile home position return (PP) to the driver before adding function, if profile position control (PP) is performed by control mode switching operation in CP control after returning to origin using Z-phase, error number 27.4 [command error protection] is detected.
 - Even if a conventional parameter file is set in the servo driver, the conventional function can be used.

- * For the details of changed contents,
 - SX-DSV3077: MINAS A6N Series Technical Reference - Functional Specification –
 - SX-DSV3078: MINAS A6N Series Technical Reference - RTEX Communication Specification –

◆ Technical Reference Download page

https://industry.panasonic.com/global/en/downloads/?tab=manual&series_cd=3887

◆ Setup Support Software "PANATERM"

- Setup support software (PANATERM) for Ver1.28 will be available from Ver.6.0.10.2 onward.

<https://industry.panasonic.com/global/en/products/motor/fa-motor/ac-servo/panaterm>

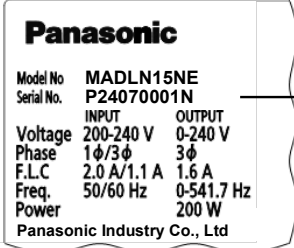
■ Method of checking:

- Method by checking the software version

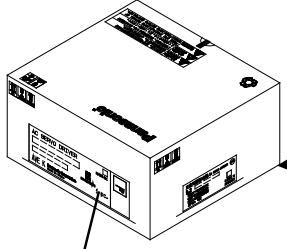
The software version can be checked by using the setup support software (PANATERM), or by checking from the RTEX communication command.

- Method of checking the year and month of manufacturing from the manufacturing code (serial number)

The manufacturing code (serial number) shown on the name plate located on the side of the product conforms to the following rule.

 <p>Panasonic</p> <p>Model No. MADLN15NE Serial No. P24070001N</p> <table style="width: 100%; border: none;"> <tr> <td style="border: none;">INPUT</td> <td style="border: none;">OUTPUT</td> </tr> <tr> <td style="border: none;">Voltage 200-240 V</td> <td style="border: none;">0-240 V</td> </tr> <tr> <td style="border: none;">Phase 1φ/3φ</td> <td style="border: none;">3φ</td> </tr> <tr> <td style="border: none;">F.L.C 2.0 A/1.1 A</td> <td style="border: none;">1.6 A</td> </tr> <tr> <td style="border: none;">Freq. 50/60 Hz</td> <td style="border: none;">0-541.7 Hz</td> </tr> <tr> <td style="border: none;">Power</td> <td style="border: none;">200 W</td> </tr> </table> <p>Panasonic Industry Co., Ltd</p>	INPUT	OUTPUT	Voltage 200-240 V	0-240 V	Phase 1φ/3φ	3φ	F.L.C 2.0 A/1.1 A	1.6 A	Freq. 50/60 Hz	0-541.7 Hz	Power	200 W	<p>Manufacturing code (Serial number) Ex. P24070001N</p> <table style="border: none; margin-left: 20px;"> <tr> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none;">Serial number (4 digits)</td> </tr> <tr> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none;">Month of manufacturing (2 digits)</td> </tr> <tr> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none; padding-right: 5px;"> </td> <td style="border: none;">Year of manufacturing (last 2 digits of the calendar year)</td> </tr> </table> <p style="margin-left: 100px;">} Check the year and month of manufacturing.</p>					Serial number (4 digits)					Month of manufacturing (2 digits)					Year of manufacturing (last 2 digits of the calendar year)
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The manufacturing code (serial number) shown on the label attached to the front surface of the package box follows the following rule.



Number is not included in this label.

AC SERVO DRIVER

MADLN15NE

P24070001N

□ □ □ □

20240701

kg

1 p.c.

Manufacturing code (Serial number)
Ex. **P24070001N**

				Serial number (4 digits)
				Month of manufacturing (2 digits)
				Year of manufacturing (last 2 digits of the calendar year)

} Check the year and month of manufacturing.

END