

Modification notice with version upgrades for NX-series and NJ-series CPU Units.

[Target Products]

- Machine Automation Controller NX series
 - Machine Automation Controller NJ series
- < Refer to the " [Details of applicable model] " . >

[Effective Date]

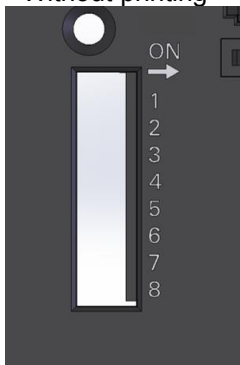
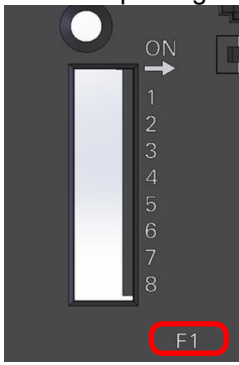
Effective as of our production in March, 2023.
(Only for NX701, effective in February, 2023)

[Reason for change]

To comply with standards and regulations



[Changes(all models)]

Before the change	After the change
Compliance with national standards in China Due to compliance with the standard, changes and restrictions will occur as described on the right. Example: NX701-1700 Without printing  (Example of NX701-1700)	Compliance with GB40050-2021, the Chinese national standard. For products that comply with this standard, an F1 print is added near the DIP-switch. Example: NX701-1700 With F1 printing  (Example of NX701-1700) Attention In enclosures with F1 printed, it is not possible to lower the firmware version of Units with a unit version 1.50 or earlier (NX701 with a unit version 1.29 or earlier).

[Changes(all models)]

Before the change	After the change
Security-related enhancements The functions listed on the right are added by the firmware upgrade.	Firmware update prohibition setting Firmware update prohibition or permission setting is available. Attention The setting is prohibited by default. Therefore, when you update the firmware, you need to cancel the prohibition setting in the Sysmac Studio before using it.
	Initialization with complete data erasure In the memory all clear function, an additional setting is available which is to initialize the controller to the factory default state.

[Changes(NX701)]

Before the change	After the change
Function enhancements The instruction described on the right is available by the firmware upgrade.	Program hash-code Any changes in the user program are detectable by obtaining the hash value of the entire program by the program hash-code instruction.

[Changes (NJ501, NJ301, NJ101)]

Before the change	After the change
Change of unit versions printed on the label Example: NJ501-1500 Unit Version: Ver.1.50 NJ501-1500 Ver.1.50 HW Rev.D PORT1 MAC ADDRESS: xxxxxxxxxxxx PORT2 MAC ADDRESS: xxxxxxxxxxxx LOT No. xxxxxx xxxx (Example of NJ501-1500)	Example: NJ501-1500 Unit Version: Ver.1.60 NJ501-1500 Ver.1.60 HW Rev.D PORT1 MAC ADDRESS: xxxxxxxxxxxx PORT2 MAC ADDRESS: xxxxxxxxxxxx LOT No. xxxxxx xxxx (Example of NJ501-1500) For the other models, refer to the " [Details of applicable model] ".
Change of unit versions on the packaging box Unit Version: Ver.1.50	Unit Version: Ver.1.60

[Changes (NX701, NX102, NX1P2)]

Before the change	After the change
Change of unit versions printed on the label Example: NX701-1700 Unit Version: Ver.1.29 Ver.1.29 LOT No. xxxxxx xxxx PORT1 xxxxxxxxxxxxxx PORT2 xxxxxxxxxxxxxx (Example of NX701-1700)	Example: NX701-1700 Unit Version: Ver.1.32 Ver.1.32 LOT No. xxxxxx xxxx PORT1 xxxxxxxxxxxxxx PORT2 xxxxxxxxxxxxxx (Example of NX701-1700) For the other models, refer to the " [Details of applicable model] ".
Change of unit versions on the packaging box Example: NX701-1700 Unit Version: Ver.1.29	Example: NX701-1700 Unit Version: Ver.1.32 For the other models, refer to the " [Details of applicable model] ".

[Details of applicable model]

Models / Specification	
NJ101-1000	Ver.1.60
NJ101-1020	Ver.1.60
NJ101-9000	Ver.1.60
NJ101-9020	Ver.1.60
NJ301-1100	Ver.1.60
NJ301-1200	Ver.1.60
NJ501-1300	Ver.1.60
NJ501-1320	Ver.1.60
NJ501-1340	Ver.1.60
NJ501-1400	Ver.1.60
NJ501-1420	Ver.1.60
NJ501-1500	Ver.1.60
NJ501-1520	Ver.1.60
NJ501-4300	Ver.1.60
NJ501-4310	Ver.1.60
NJ501-4320	Ver.1.60
NJ501-4400	Ver.1.60
NJ501-4500	Ver.1.60
NJ501-5300	Ver.1.60
NJ501-R300	Ver.1.60
NJ501-R320	Ver.1.60
NJ501-R400	Ver.1.60

Models / Specification	
NJ501-R420	Ver.1.60
NJ501-R500	Ver.1.60
NJ501-R520	Ver.1.60
NX102-1000	Ver.1.60
NX102-1020	Ver.1.60
NX102-1100	Ver.1.60
NX102-1120	Ver.1.60
NX102-1200	Ver.1.60
NX102-1220	Ver.1.60
NX102-9000	Ver.1.60
NX102-9020	Ver.1.60
NX1P2-1040DT	Ver.1.60
NX1P2-1040DT1	Ver.1.60
NX1P2-1140DT	Ver.1.60
NX1P2-1140DT1	Ver.1.60
NX1P2-9024DT	Ver.1.60
NX1P2-9024DT1	Ver.1.60
NX701-1600	Ver.1.32
NX701-1620	Ver.1.32
NX701-1700	Ver.1.32
NX701-1720	Ver.1.32

Specifications in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.