

Product Discontinuation Notice

Issue Date
December 2019

Trajexia Motion Controller

No. 20191202

Discontinuation notice – Motion Controller - TJ1-MC__ and CJ1W-MC_72

Products to be Discontinued

Trajexia Motion Controller models

CJ1W-MC472
CJ1W-MCH72
TJ1-MC04
TJ1-MC16
And related accessories
TJ1-ML04
TJ1-ML16
TJ1-FL02
TJ1-DRT
TJ1-PRT
TJ1-CORT



Suggested Replacement

NJ/NX Controller series models

NX1P2-****
NX102-****
NJ101-****
NJ301-****
NJ501-****
NX701-****



[Final order entry date]

The end of December 2020

[Date of The Last Shipping]

The end of March 2021

[Discontinuation date]

The 31st of March 2021

[Scheduled date of maintenance close]

The 31st of March 2028. (Repairs and basic support only, it will not be possible to order spare parts or replacements during this period)

[Info on recommended replacement]

Manufacturing of the Trajexia Motion controllers will need to be discontinued due to discontinuation of main parts in combination with the old architecture of this product and the better controller solutions available today.

The NX/NJ-series machine controllers provide integrated and synchronized Motion control, Machine Logic control, safety control and information control under one Integrated Development Environment. Together with the change of the of control solution, it comes the need to replace the servos with Mechatrolink-2 method by servos with high performing EtherCAT connection that come with improved specifications. When the change of servo implies changing to a different servo family, the compatibility of dimensions and other specifications may not be complete.

[Efforts on recommended replacement]

x	High
	Medium
	backward compatible

Recommended replacement Model	Body Color	Dimen-sions	Wire connection	Mounting Dimensions	Charac-teristics	Operation ratings	Operation methods
NJ/NX Controller series models	--	--	--	--	--	--	--

- ** : Compatible
- * : The change is a little/Almost compatible
- : Not compatible
- : No corresponding specification

[Product Discontinuation and recommended replacement]

Product discontinuation	Recommended replacement
CJ1W-MC472	NX102-1*** and NJ301-1*** > The NJ/NX controllers include PLC + Motion control + EtherCAT Servo communications + EtherNet/IP communications. Existing MC472 application programs is not compatible
CJ1W-MCH72	NJ501-1*** > The NJ controllers include PLC + Motion control + EtherCAT Servo communications + EtherNet/IP communications. Existing MCH72 application programs is not compatible
TJ1-MC04	NX102-1*** and NJ301-1*** > The NJ/NX controllers include PLC + Motion control + EtherCAT Servo communications + EtherNet/IP communications. Existing MC472 application programs is not compatible
TJ1-MC16	NJ501-1*** and NJ501-1*** > The NJ controllers include PLC + Motion control + EtherCAT Servo communications + EtherNet/IP communications. Existing MCH72 application programs is not compatible

ML2 Servos currently used with Trajexia controllers	Recommended ECAT Servos to use with NJ/NX controllers
G5-Series Servos connected via Mechatrolink-2 G-Series Servos connected via Mechatrolink-2	1S Servos with embedded EtherCAT 1S Motion Safety Servos with embedded EtherCAT G5-Series Servos with embedded EtherCAT

[Programming software]

There is no compatibility between Trajexia Studio and Sysmac Studio programming software. Sysmac Studio is a modern Integrated Development Environment providing programming, testing and commissioning for PLC Logic, Motion control, Safety control, HMI, information handling and more.

Information in this product news is effective from the issue date. Only main changes in specifications are described in this document and are subject to change without notice. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when you start using the replacement products.