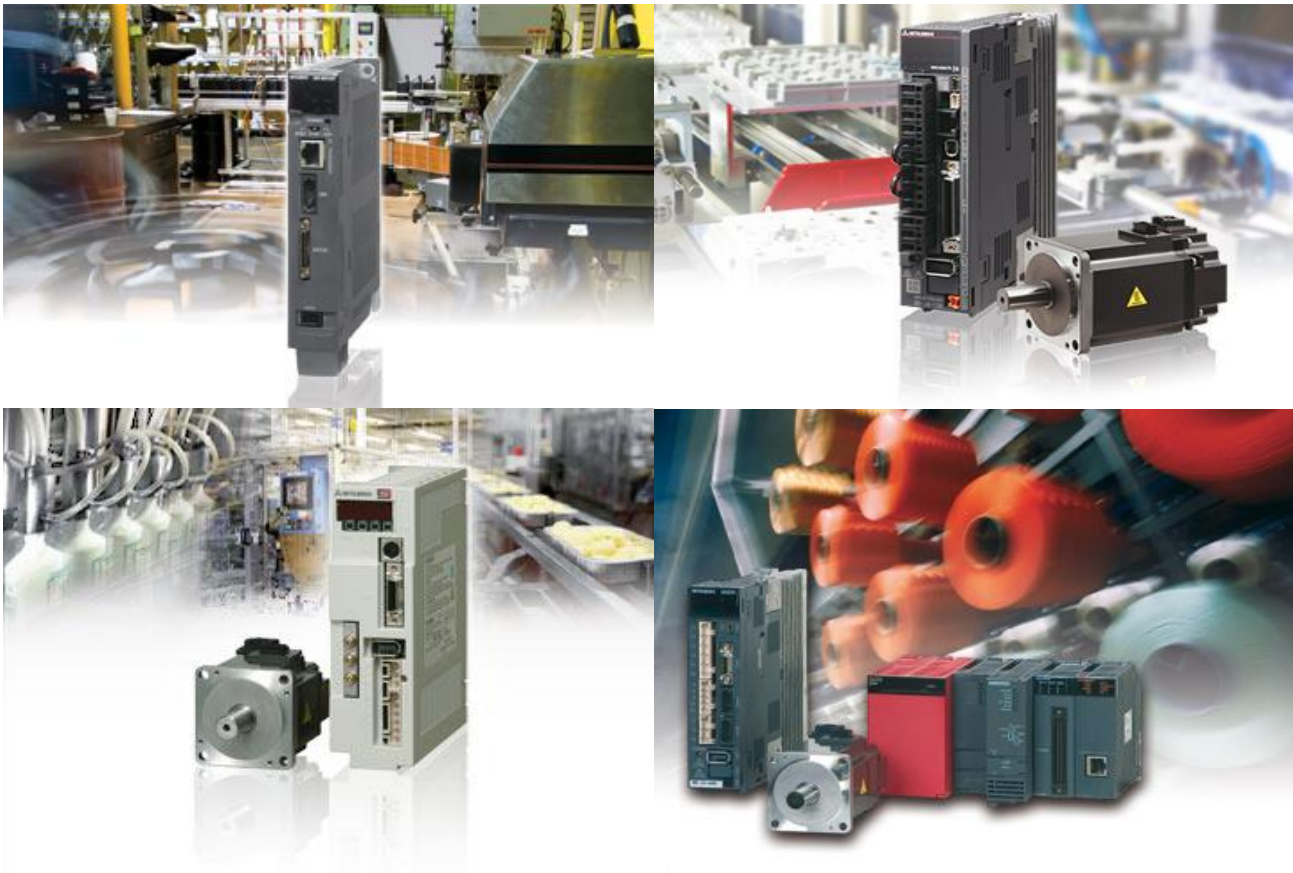


Servo CE Sales Meeting MR-J2S Discontinuation



Ver. 1
Nov. 7th 2013
Oliver Giertz

- MR-J2S has been sold since 1999 for 13 years and contributed largely in expanding global market share.
- However, Nagoya Works need to discontinue MR-J2S series due to the difficultness of getting components and negative effect on production efficiency.
- Basic policy is to replace MR-J2S with MR-J4
- There are products developed which gives the customers an easy way to replace it

- Target Models

- Target Servo Amplifiers

- MR-J2S-10A to 37KA, MR-J2S-10A1 to 40A1, MR-J2S-60A4 to 55KA4
 - MR-J2S-10B to 37KB, MR-J2S-10B1 to 40B1, MR-J2S-60B4 to 55KB4
 - MR-HP30KA, MR-HP55KA4
 - MR-J2S-10CP to 700CP, MR-J2S-10CP1 to 40CP1
 - MR-J2S-10CL to 700CL, MR-J2S-10CL1 to 40CL1

- Target Servo Motors

- All capacities of HC-KFS, HC-MFS, HC-SFS, HC-LFS, HC-RFS, HC-UFS, HA-LFS
 - Also the dedicated options and peripheral equipment for this series
 - Q173/Q172 and QD75M will not be discontinued at this stage

- MR-J2S Production Discontinuation Schedule
 - 1. Transition to Production-By-Order
 - The last day of production is August 2014.
 - After the transition has been made to "Production-By-Order", the products are expected to be delivered in 8 to 10 weeks after the order has been received.
 - 2. Production Discontinuation
 - August 2015
 - Production orders are accepted until the last day of August 2015.
 - 3. Repair Acceptance and Parts Order Acceptance
 - August 2022
 - Repair and parts orders are accepted until the last day of August 2022.

- MR-J2S Replacement models
 - MR-J2S-A
 - MR-J2S-A -> MR-J4-A
 - HC Motor -> HG Motor
 - MR-J2S-B
 - MR-J2S-B -> MR-J4-B-RJ20 & MR-J4-T20
 - HC Motor -> HG Motor
 - MR-J2S-CP
 - MR-J2S-CP -> MR-J4-A-RJ (with CP functionality)
 - MR-J2S-CL -> MR-J4-A-RJ (with CL functionality)
 - HC Motor -> HG Motor



MELSERVO-J4 series servo amplifier for connecting to SSCNET of MR-J2S-B is newly released.

By using the conversion unit for SSCNET of MR-J2S-B, MR-J4 series servo amplifier can be connected to the SSCNET of MR-J2S-B compatible servo system controller *.

MR-J4-B-RJ020 is now available in the following capacities:
200 V 0.1 kW to 7 kW,
400 V 0.6 kW to 7 kW, and
200V/400V 11 kW to 22 kW (available in the near future)

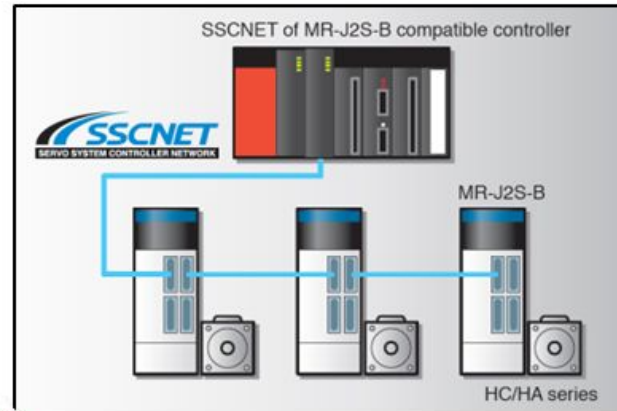
* For compatible controllers, refer to p. 1 in this brochure.

Conversion Unit for SSCNET of MR-J2S-B Compatible Servo Amplifier: MR-J4-_B_-RJ020
Conversion Unit for SSCNET of MR-J2S-B: MR-J4-T20

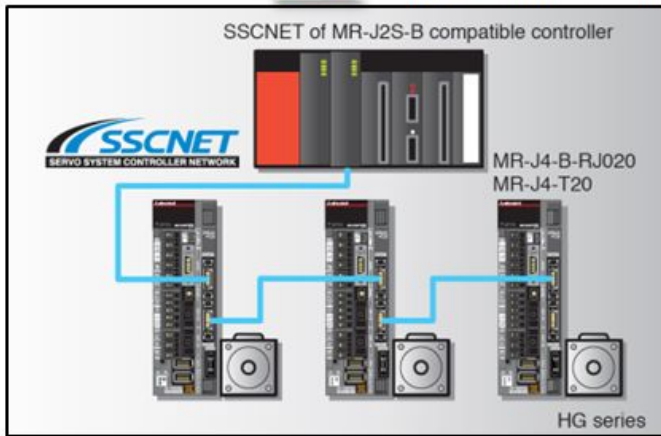
- Features

- The set of MR-J4-B-RJ020 and MR-J4-T20 is compatible with the following servo system controllers:
 - A171SHCPU(N), A172SHCPU(N), A173UHCPU, A1SD75M, QD75M, Q172CPU(N), Q173CPU(N)
- MR-J4-_B_-RJ020 servo amplifiers have “MR-J2S” compatibility mode which means all functions are compatible with the previous functions of the MR-J2S-B series
- The encoder resolution of HG series servo motors will be 131072 pulses/rev (17 bit) when MR-J2S compatibility mode is used
- MR-J4-B-RJ020 is available in the following capacities:
 - 200 V: 0.1 kW to 7 kW
 - 400 V: 0.6 kW to 7 kW

MR-J4-T20 Option



MR-J4-B-RJ020 + MR-J4-T20
HG series servo motor



MR-J4-B-RJ020 + MR-J4-T20
HC/HA series servo motor

