

The Differences: Comparison with MR-J2 Series

The Differences (Comparison with MR-J2 series)

●Servo-amp



MR-J2S-□A series

Item		MR-J2S-□A	MR-J2-□A
Hardware	External dimensions/Mounting method	Same as MR-J2-□A/Same as MR-J2-□A	—
	Rated output capacity	0.05~7kW (Note 1)	0.05~3.5kW
	External wiring	Compatible with MR-J2-□A (including encoder wiring), RS-422 communication function added	—
	7 segment display panel/ No. of operation buttons	5-digit 1 2 3 4 5 / 4	4-digit 1 2 3 4 / 4
	Communication interface	Possible to select RS-232C or RS-422	RS-232C only
	Pulse train input	500 kpps (in differential mode)	400 kpps (in differential mode)

MR-J2S-□B series

Item		MR-J2S-□B	MR-J2-□B
Hardware	External dimensions/Mounting method	Same as MR-J2-□B/Same as MR-J2-□B	—
	Rated output capacity	0.05~7kW (Note 1)	0.05~3.5kW
	External wiring	Compatible with MR-J2-□B (including encoder wiring), Encoder pulse output (ABZ) signal added	—

●Servomotor

Item		HC-□S	HC-□
Encoder resolution		ABS 17bit (131072 p/rev)	ABS 13bit (8192 p/rev), 14bit (16384 p/rev)
External dimensions/Mounting method		Compatible	—
Power-supply connector		 <HC-KFS/HC-MFS/HC-UFS 3000r/min> power-supply connector (made by MOLEX) 5557-04R-210 (receptacle in case without brake), 5557-06R-210 (receptacle in case with brake), 5556PBT3L (female terminal)	 <Existing models: HC-KF/HC-MF/HC-UF 3000r/min> insulated tip, round-crimp terminal is attached
Rated output capacity		0.05~7kW (Note 1)	0.05~3.5kW
Brake/Reduction gear attached		Same as existing models	—
Protective Function		HC-KFS/HC-MFS: IP55 (IP65)	HC-KF/HC-MF: IP44 (IP65) (Note 2)

Notes: 1. Consult Mitsubishi for availability.

2. Protective structure with rating of IP65 corresponds to special product.

Connectivity with Existing Models

The MR-J2S servo-amplifiers are compatible for connection to existing motors, however, performance of the MR-J2S series will not be improved. Please note that the new model motors (HC-□S series) cannot be connected to the servo-amplifier of the MR-J2 series.