

Software

Servo Support Software • MR-CONFIGURATOR2

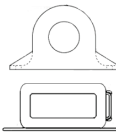
This software makes it easy to perform setup, tuning, monitor display, diagnostics, reading and writing of parameters, and test operations with a personal computer. User-friendly functions that enable the balance with the machine system, optimum control and short start up time are available.

- This software can set up and tune your servo system easily with a personal computer.
- Multiple monitor functions. Graphic display functions are provided to display the Servo Motor status with the input signal triggers, such as the command pulse, droop pulse and speed.
- Test operations with a personal computer. Test operation of the Servo Motors can be performed with a personal computer using multiple test mode menus.
- Further advanced tuning is possible with the improved advanced functions.


Description	Model Number	Stocked Item
Windows Communication Software	MR-CONFIG2-C1	S
	MR-CONFIG2-C5	S
	MR-CONFIG2-C10	S
	MR-CONFIG2-C1-SMA	-
	MR-CONFIG2-C5-SMA	-
MR-CONFIG2-C10-SMA	-	
Communication Cable	MR-J3USBCBL3M	S

Optional Accessories

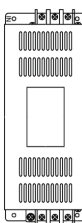
Line Noise Filter

Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4_ For Wire Size 3.5mm ² (AWG12) or Smaller	FR-BSF01	S	
MR-J4_ For Wire Size 5.5mm ² (AWG10) or Larger	FR-BLF	S	

Extension I/O Unit

Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4-B Only	MR-J3-D05	S	
MR-J4-B-RJ	MR-D30	S	

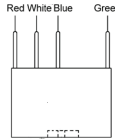
EMC Filter (*1)

Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4-10B(-RJ) ~ MR-J4-100B(-RJ), MR-J4W2-22B, MR-J4W2-44B, MR-J4W3-222B	MF3F480-010.233MF	S	
MR-J4-200B(-RJ), MR-J4W2-77B, MR-J4W3-444B	MF3F480-015.230MF3	S	
MR-J4-350B(-RJ), MR-J4W2-1010B	MF3F480-025.230MF3	S	
MR-J4-500B(-RJ), MR-J4-700B(-RJ)	MF3F480-050.230MF3	S	
MR-J4-11KB(-RJ)	MF-3F480-035.230	-	
MR-J4-15KB(-RJ)	MF-3F480-035.230	-	
MR-J4-22KB(-RJ)	MF-3F480-050.230MF3	-	
MR-J4-60B4/A4, MR-J4-100B4/A4	MF3F480-010.233MF	S	
MR-J4-200B4/A4	MF3F480-015.230MF3	S	
MR-J4-350B4/A4	MF3F480-015.233MF	S	
MR-J4-500B4/A4, MR-J4-700B4/A4	MF3F480-025.230MF3	S	
MR-J4-11KB4/A4	MF-3F480-035.230	-	
MR-J4-15KB4/A4	MF-3F480-035.230	-	
MR-J4-22KB4/A4	MF-3F480-050.230MF3	-	


Note: Contact MEAU for additional filter opportunities.

1. HF3100A-UN and larger EMC filters are manufactured by Soshin Electric Co., Ltd. A surge protector is separately required to use this EMC filter. Refer to EMC Installation Guidelines.

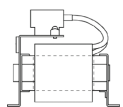
Radio Noise Filter

Servo Amplifier Type	Model Number	Stocked Item	Description
J4 200V/100V Amps	FR-BIF	S	
J4 400V Amps	FR-BIF-H	-	

Manual Pulse Generator

Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4-A Only	MR-HDP01	S	

Power Factor Improving DC Reactor

Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4-10B/A	FR-HEL-0.4K	-	
MR-J4-20B/A	FR-HEL-0.75K	-	
MR-J4-40B/A	FR-HEL-1.5K	-	
MR-J4-60B/A	FR-HEL-2.2K	-	
MR-J4-100B/A	FR-HEL-3.7K	-	
MR-J4-200B/A	FR-HEL-7.5K	-	
MR-J4-350B/A	FR-HEL-11K	-	
MR-J4-500B/A	FR-HEL-15K	-	
MR-J4-700B/A	FR-HEL-22K	-	
MR-J4-11KB/A	FR-HEL-30K	-	
MR-J4-15KB/A	FR-HEL-H1.5K	-	
MR-J4-22KB/A	FR-HEL-H2.2K	-	

Servo Amplifier Type	Model Number	Stocked Item
MR-J4-350B4/A4	FR-HEL-H7.5K	-
MR-J4-500B4/A4	FR-HEL-1K	-
MR-J4-700B4/A4	FR-HEL-H15K	-
MR-J4-11KB4/A4	FR-HEL-H22K	-
MR-J4-15KB4/A4	FR-HEL-H30K	-

Converter Unit EMC Filter

Converter Unit	Model Number	EMC Filter Model Number	Stocked Item
MR-CR55K	MR-J4-DU30KB/A	HF3200A-UN (*1)	-
	MR-J4-DU37KB/A		
MR-CR55K4	MR-J4-DU30KB4/A4	MF-3F480-125.230	-
	MR-J4-DU37KB4/A4		
	MR-J4-DU45KB4/A4		
	MR-J4-DU55KB4/A4		

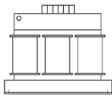
Note 1: Please contact Soshin Denki to purchase.

20 Pin Terminal Block (*1)

Servo Amplifier Type	Model Number	Stocked Item
MR-J3-B Safety Only	PS7DW-20V14B-F	S

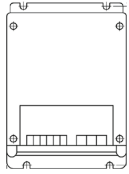
Note 1: MR-TB20 terminal block cannot be used for MR-J3-B Safety.

Power Factor Improving AC Reactor

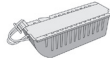
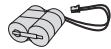
Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4-10A/B, MR-J4-20A/B	FR-HAL-0.4K	-	
MR-J4-40A/B	FR-HAL-0.75K	-	
MR-J4-60A/B, MR-J4-70A/B	FR-HAL-1.5K	-	
MR-J4-100A/B	FR-HAL-2.2K	-	
MR-J4-200A/B	FR-HAL-3.7K	-	
MR-J4-350A/B	FR-HAL-7.5K	-	
MR-J4-500A/B	FR-HAL-11K	-	
MR-J4-700A/B	FR-HAL-15K	-	

Converter Unit Model	Drive Unit Model	Power Factor Improving DC Reactor Model	Stocked Item
MR-CR55K	MR-J4-DU30KB/A	MR-DCL30K	-
	MR-J4-DU37KB/A	MR-DCL37K	-
MR-CR55K4	MR-J4-DU30KB4/A4	MR-DCL30K-4	-
	MR-J4-DU37KB4/A4	MR-DCL37K-4	-
	MR-J4-DU45KB4/A4	MR-DCL45K-4	-
	MR-J4-DU55KB4/A4	MR-DCL55K-4	-

Dynamic Brake

Servo Amplifier Type	Model Number	Stocked Item	Description
MR-J4-11KB/A	DBU-11K	-	
MR-J4-15KB/A	DBU-15K	-	
MR-J4-22KB/A	DBU-22K-R1	-	
MR-J4-11KB4/A4	DBU-11K-4	-	
MR-J4-15KB4/A4	DBU-22K-4	S	
MR-J4-22KB4/A4		-	
MR-J4-DU30KB/A	DBU-37K-R1	-	
MR-J4-DU37KB/A		-	
MR-J4-DU30KB4/A4	DBU-55K-4-R5	-	
MR-J4-DU37KB4/A4		-	
MR-J4-DU45KB4/A4		-	
MR-J4-DU55KB4/A4		-	

Battery

Item Number	Model Number	Description	Stocked Item	Description
Battery	MR-BAT6V1SET	The Servo Motor's absolute value can be maintained by installing the battery in the servo amplifier. The battery is not required when the servo system is used in an incremental mode.	S	
Battery	MR-BAT6V1	The battery case and the batteries are required when configuring absolute position detection system using the rotary Servo Motor or the direct drive motor. MR-BT6VCASE is a case that stores 5 pieces of MR-BAT6V1 batteries by connecting the connectors. Up to 8 axes of MR-J4W_ _B servo amplifiers are able to be connected to this battery case. Use optional MR-BT6V2CBL_M junction battery cable for branching off the connection when connecting multiple servo amplifiers. MR-BT6VCASE and MR-BAT6V1 are not required when using the linear Servo Motor or when configuring incremental system with the MR-J4W_ _B servo amplifier. MR-BAT6V1 is not included with MR-BT6VCASE. Please purchase the batteries separately.	S	
Battery Case	MR-BT6VCASE		S	