

Sales and Service

Addition of UL-Listed Combinations (General-Purpose AC Servo Amplifiers and Type E Combination Motor Controller) for Short-Circuit Protection

Thank you for your continued patronage of the Mitsubishi general-purpose AC servo and Mitsubishi Electric FA products.

MR-J4 series and MR-JE series AC servo amplifiers are now UL-listed in combination with the MMP-T series Type E combination motor controller (manufactured by Mitsubishi Electric Corporation). This does not affect the functions and performance of the product. We ask for your understanding in this matter.

1. Target Models

AC servo amplifier: MR-J4 series

(3-phase 200 V to 240 V: 5 kW or less, 3-phase 380 V to 480 V: 7 kW or less)

MR-JE series

2. Details of the Change

In addition to T class fuses and molded-case circuit breakers (UL 489 Listed MCCB), the MMP-T series Type E combination motor controller is also recommended be used with the servo amplifier for short-circuit protection.

The servo amplifiers are now UL 508C-listed in combination with the MMP-T series Type E combination motor controller (manufactured by Mitsubishi Electric Corporation).

3. UL-Listed Combinations

Servo amplifier model	Rated input voltage [V AC]	Input phase	Type E combination motor controller			SCCR [kA]
			Model	Rated voltage [V AC]	Rated current [A] (Nominal heater current)	
MR-J4-10_, MR-JE-10_	200-240	3-phase	MMP-T32	240	1.6	50
MR-J4-20_, MR-JE-20_					2.5	
MR-J4-40_, MR-JE-40_					4	
MR-J4-60_					6.3	
MR-J4-70_, MR-JE-70_					6.3	
MR-J4-100_, MR-JE-100_					8	
MR-J4-200_, MR-JE-200_					18	
MR-J4-350_, MR-JE-300_					25	
MR-J4-500_	32	25				
MR-J4-60_4	380-480	3-phase		480Y/277	2.5	50
MR-J4-100_4					4	
MR-J4-200_4					8	
MR-J4-350_4					13	
MR-J4-500_4					18	
MR-J4-700_4					25	
MR-J4W2-22B	200-240	3-phase		240	6.3	50
MR-J4W2-44B			8			
MR-J4W2-77B			13			
MR-J4W2-1010B			18			
MR-J4W3-222B			8			
MR-J4W3-444B			13			

For MR-J4 series, a symbol "_" indicates A, B, or GF. For MR-JE series, a symbol "_" indicates A or B.

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