

■ **UL listed**

FUJI MMS is certified for Group Installation according to UL508.

When it is used with a specific current rated BCP (Branch Circuit Protective Device) such as MCCB and Fuse, two or more motors can be connected to one branch circuit as in NEC 430.53.

The followings are some of the major rules for this application.

1. The Conductor size to the motor shall be the same as the branch circuit.
2. The Conductor size to the motor shall not be less than 1/3 of the branch circuit and the length from the BCP to the MMS must not be more than 7.5m (25 feet).
3. The MMS must be "Suitable for tap conductor Protection" and the Conductor size between the BCP and MMS shall not be less than 1/10 of the BCP and the length from the BCP to the MMS must not be more than 3m (10 feet).
4. The rating of the Fuse or MCCB must be smaller than the following table.

**BM3RSB, BM3RSR**

Adjustable current range Ie (A)	3-pole motor capacity in horsepower (HP)				Group installation			Max. Fuse / MCCB Rated current (A)
	AC				Breaking capacity (kA)			
	200-208V	220-240V	440-480V	550-600V	240V AC	480V AC	600V AC	
0.1-0.16	-	-	-	-	100	50	10	500
0.16-0.25	-	-	-	-	100	50	10	500
0.25-0.4	-	-	-	-	100	50	10	500
0.4-0.63	-	-	-	-	100	50	10	500
0.63-1	-	-	1/2	1/2	100	50	10	500
1-1.6	1/4	1/3	3/4	3/4	100	50	10	500
1.6-2.5	1/2	1/2	1	1-1/2	100	50	10	500
2.5-4	3/4	3/4	2	3	100	50	10	500
4-6.3	1	1-1/2	3	5	100	50	10	500
6.3-10	2	3	5	7-1/2	100	22	10	500
9-13	3	3	7-1/2	10	100	22	10	500
11-16	3	5	10	10	100	22	10	500
14-20	5	5	10	15	50	22	10	500
19-25	7-1/2	7-1/2	15	20	50	22	10	500
24-32	10	10	20	30	50	22	10	500

**BM3RHB, BM3RHR**

Adjustable current range Ie (A)	3-pole motor capacity in horsepower (HP)				Group installation			Max. Fuse / MCCB Rated current (A)
	AC				Breaking capacity (kA)			
	200-208V	220-240V	440-480V	550-600V	240V AC	480V AC	600V AC	
0.1-0.16	-	-	-	-	100	50	10	500
0.16-0.25	-	-	-	-	100	50	10	500
0.25-0.4	-	-	-	-	100	50	10	500
0.4-0.63	-	-	-	-	100	50	10	500
0.63-1	-	-	1/2	1/2	100	50	10	500
1-1.6	1/4	1/3	3/4	3/4	100	50	10	500
1.6-2.5	1/2	1/2	1	1-1/2	100	50	10	500
2.5-4	3/4	3/4	2	3	100	50	10	500
4-6.3	1	1-1/2	3	5	100	50	10	500
6.3-10	2	3	5	7-1/2	100	50	10	500
9-13	3	3	7-1/2	10	100	50	10	500
11-16	3	5	10	10	100	50	10	500
14-20	5	5	10	15	100	50	10	500
19-25	7-1/2	7-1/2	15	20	100	50	10	500
24-32	10	10	20	30	100	50	10	500

**BM3VSB, BM3VHB**

Adjustable current range Ie (A)	3-pole motor capacity in horsepower (HP)				Group installation			Max. Fuse / MCCB Rated current (A)
	AC				Breaking capacity (kA)			
	200-208V	220-240V	440-480V	550-600V	240V AC	480V AC *	600V AC	
6.3-10	2	3	5	7-1/2	100	50 (22)	10	600
9-13	3	3	7-1/2	10	100	50 (22)	10	600
11-16	3	5	10	10	100	50 (22)	10	600
14-20	5	5	10	15	100	50 (22)	10	600
19-25	7-1/2	7-1/2	15	20	100	50 (22)	10	600
24-32	10	10	20	30	100	50 (22)	10	600
28-40	10	10	30	30	100	50 (22)	10	600
35-50	15	15	30	40	100	50 (22)	10	600
45-63	20	20	40	60	100	50 (22)	10	600

\* Value in ( ) is for BM3VSB.