

CIRCUIT BREAKER SELECTION FOR AC MOTORS

RATED POWER

3 PHASE 4 POLE MOTORS 50 - 60 Hz

RIKEN CIRCUIT BREAKER

KW	HP	230V	400V	500V	230V	400V	500V
0.37	0.5	2.9A	0.8A	0.79A	RKB3-63D 104	RKB3-D63 302	RKM1-100L 20
0.55	0.75	4.6A	1.2A	1.2A	RKB3-63D 106	RKB3-D63 302	RKM1-100L 20
0.75	1	5.7A	1.7A	1.5A	RKB3-63D 110	RKB3-D63 303	RKM1-100L 20
1.1	1.5	7.3A	2.3A	2.1A	RKB3-63D 110	RKB3-D63 304	RKM1-100L 20
1.5	2	9.9A	3.0A	2.7A	RKB3-63D 116	RKB3-D63 306	RKM1-100L 20
2.2	3	14.4A	4.4A	4.8A	RKB3-63D 120	RKB3-D63 310	RKM1-100L 20
3	4	19.1A	5.7A	5.1A	RKB3-63D 132	RKB3-D63 310	RKM1-100L 20
4	5.5	24A	7.5A	6.4A	RKB3-63D 132	RKB3-D63 310	RKM1-100L 20
5.5	7.5	33A	10.9A	9.1A	RKB3-63D 140	RKB3-D63 316	RKM1-100L 20
7.5	10	44.7A	14.7A	11.7A	RKB3-63D 150	RKB3-D63 320	RKM1-100L 20
10	13.5	57.3A	19A	15.2A	RKM1-100L 80A	RKB3-D63 325	RKM1-100L 20
11	15	65A	20.9A	17.7A	RKM1-100L 80A	RKB3-D63 325	RKM1-100L 25
15	20	86.1A	28.5A	23.3A	RKM1-100L 100A	RKB3-D63 332	RKM1-100L 32
18.5	25	106.1A	35.5A	28.8A	RKM1-250L 125A	RKB3-D63 340	RKM1-100L 40
22	30	124.3A	41.8A	34.3A	RKM1-250L 160A	RKB3-D63 350	RKM1-100L 40
30	40	170.3A	57A	48.4A	RKM1-250L 225A	RKB3-D63 363	RKM1-100L 63
37	50	208.5A	68.4A	56.3A	-	RKB7-125 380	RKM1-100L 80
45	60	242.9A	80.7A	66.8A	-	RKM1-250L 125	RKM1-100L 80
55	75	301.3A	99.7A	79.2A	-	RKM1-250L 160	RKM1-250L 125
75	100	396A	131.1A	110A	-	RKM1-250L 160	RKM1-250L 160
90	125	-	161.5A	128.4A	-	RKM1-250L 200	RKM1-250L 160
110	150	-	194.7A	156.6A	-	RKM1-250L 250	RKM1-250L 200
132	180	-	232.7A	189.2A	-	RKM1-400L 315	RKM1-400L 315
160	220	-	285A	225.2A	-	RKM1-400L 400	RKM1-400L 315
200	270	-	351.5A	282.4A	-	RKM1-630L 500	RKM1-400L 400
220	300	-	389A	311A	-	RKM1-630L 500	RKM1-630L 450
250	340	-	442A	353A	-	RKM1-630L 630	RKM1-630L 500
315	430	-	551A	440A	-	RKM1-800L 700	RKM1-630L 630
355	480	-	617A	490A	-	RKM1-1250 1000	RKM1-1250 700
375	500	-	660A	530A	-	-	RKM1-1250 800
425	580	-	742A	594A	-	-	RKM1-1250 1000

Information in this table must be used as guidelines only as each motor and installation have their own characteristics which depend on many factors and we cannot be held responsible should there be any discrepancy in these tables