

▷ MC(Magnetic Contactor)

- 9-85A (Low Ampere)
- 100-400A (High Ampere)



Type		MC 9	MC 12	MC 18	MC 22	MC 32	MC 40	MC 48	MC 50	MC 65	MC 75	MC 85	MC 100	MC 125	MC 150	MC 180	MC 220	MC 300	MC 400				
Rating KS C 4504	3Phase Squirrel cage motor	AC3	200-220V	2.2kW 11A	2.7kW 13A	3.7kW 18A	4kW 20A	5.5kW 26A	7.5kW 35A	11kW 48A	11kW 50A	15kW 65A	18.5kW 75A	19kW 80A	25kW 100A	30kW 125A	37kW 150A	45kW 180A	55kW 220A	75kW 300A	110kW 400A		
			380-440V	2.7kW 7A	4kW 9A	5.5kW 13A	7.5kW 20A	11kW 25A	15kW 32A	15kW 35A	22kW 48A	30kW 65A	37kW 75A	37kW 80A	50kW 100A	60kW 120A	75kW 150A	90kW 180A	110kW 220A	150kW 300A	220kW 400A		
			500-550V	2.7kW 6A	5.5kW 9A	5.5kW 13A	7.5kW 17A	11kW 20A	15kW 26A	15kW 28A	37kW 60A	37kW 64A	45kW 75A	55kW 80A	60kW 90A	90kW 140A	110kW 180A	132kW 200A	160kW 250A	200kW 350A			
		AC4	200-220V	1.5kW 8A	2.2kW 11A	3.7kW 18A	3.7kW 18A	4.5kW 20A	5.5kW 25A	7.5kW 30A	7.5kW 35A	11kW 50A	13kW 55A	15kW 65A	19kW 80A	22kW 93A	30kW 125A	37kW 150A	45kW 180A	55kW 220A	75kW 300A		
	Single Phase motor	380-440V	2.2kW 6A	4kW 9A	4kW 9A	5.5kW 13A	7.5kW 17A	11kW 24A	11kW 28A	15kW 32A	22kW 47A	25kW 52A	30kW 62A	37kW 75A	45kW 90A	55kW 110A	75kW 150A	90kW 180A	110kW 220A	150kW 300A			
		110V	0.4kW 11A	0.5kW 13A	0.75kW 18A	0.9kW 20A	1.2kW 26A	1.7kW 35A	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Resis tive Load DC1	2pole series conn.	220V	0.8kW 11A	1kW 13A	1.5kW 18A	1.8kW 20A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			110V	6A	10A	13A	15A	25A	25A	35A	35A	50A	50A	80A	80A	100A	100A	150A	150A	200A	200A	200A	
		3pole series conn.	220V	3A	7A	8A	12A	12A	15A	15A	20A	20A	30A	30A	50A	50A	80A	80A	100A	100A	150A	150A	200A
			110V	8A	12A	18A	20A	25A	30A	40A	40A	50A	55A	60A	80A	80A	100A	100A	150A	180A	200A	300A	400A
1th AC1	220V	8A	12A	18A	20A	25A	30A	40A	40A	50A	55A	60A	80A	80A	100A	100A	150A	180A	200A	300A	400A		
		25A	25A	40A	40A	50A	60A	70A	80A	100A	110A	135A	160A	160A	210A	230A	275A	350A	450A				
IEC 60947	3Phase Squirrel cage motor	AC3	200-240V	2.5kW 11A	3.5kW 13A	4.5kW 18A	5.5kW 22A	7.5kW 32A	11kW 24A	11kW 48A	15kW 55A	18.5kW 65A	22kW 75A	25kW 85A	30kW 105A	37kW 125A	45kW 150A	55kW 180A	75kW 250A	90kW 300A	125kW 400A		
			380-440V	4kW 9A	5.5kW 12A	7.5kW 18A	11kW 22A	15kW 32A	18.5kW 24A	18.5kW 45A	22kW 50A	30kW 65A	37kW 75A	45kW 85A	55kW 105A	60kW 120A	70kW 150A	90kW 180A	132kW 250A	160kW 300A	200kW 400A		
			500-550V	4kW 7A	7.5kW 12A	7.5kW 13A	15kW 22A	18.5kW 28A	22kW 32A	22kW 40A	30kW 43A	33kW 60A	37kW 64A	45kW 75A	55kW 85A	60kW 90A	90kW 140A	110kW 180A	132kW 200A	160kW 250A	225kW 350A		
			690V	4kW 5A	7.5kW 9A	7.5kW 9A	15kW 18A	18.5kW 20A	22kW 23A	22kW 25A	30kW 28A	33kW 35A	37kW 42A	45kW 45A	55kW 65A	60kW 70A	90kW 100A	110kW 120A	132kW 150A	200kW 220A	250kW 300A		
Endurance (*10,000 times)	Electrical Mechanical	250	250	250	250	200	200	200	200	200	200	200	100	100	100	100	100	100	100	50	50		
		2500	2500	2500	2500	1500	1500	1500	1000	1000	1000	1000	500	500	500	500	500	500	500	500	500		
Aux. contact (standard)	Side-on Head-on	1a1b	1a1b	1a1b	1a1b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b	2a2b		
		AU 1	AU 1	AU 1	AU 1	AU 1	AU 1	AU 1	AU 1	AU 1	AU 1	AU 1	AU 100	AU 100	AU 100	AU 100	AU 100	AU 100	AU 100	AU 100	AU 100		
mounting method		Screw and DIN Rail																					
Dimention(mm) (W * H * D)		44*77.9*86.8	44*77.9*86.8	44*77.9*86.8	44*77.9*86.8	66*82.6*94.6	66*82.6*94.6	66*82.6*94.6	92*22.1*117.3	92*22.1*117.3	92*22.1*117.3	92*22.1*117.3	100*157.4*146.5	100*157.4*146.5	120*165.9*157	138*203*181	138*203*181	163*243*198	163*243*198				
Mounting Dimention (mm)	(W * D)	30-35*48-59 35*60	30-35*48-59 35*60	30-35*48-59 35*60	30-35*48-59 35*60	30-35*48-59 35*60	30-35*48-59 35*60	30-35*48-59 35*60	100*50-60 100*60	100*50-60 100*60	100*50-60 100*60	100*50-60 100*60	80*100 90*125	80*100 90*125	100 * 125-130	45*190 120*190	45*190 120*190	50*210 60*220 145*225	50*210 60*220 145*226				
		with DC-operating coil	MD 9	MD 12	MD 18	MD 22	MD 32	MD 40	MD 48	-	-	-	-	-	-	-	-	-	-	-			
Relay	contactor	Reversing	MD 9R	MD 12R	MD 18R	MD 22R	MD 32R	MD 40R	MC 48R	MC 50R	MC 65R	MC 75R	MC 85R	MC 100R	MC 125R	MC 150R	MC 180R	MC 220R	MC 300R	MC 400R			
		Standard	MS 9	MS 12R	MS 18	MS 22	MS 32	MS 40	MS 48	MS 50	MS 65	MS 75	MS 85	MS 100	MS 125	MS 150	MS 180	MS 220	MS 300	MS 400			
	switch	Reversing	MS 9R	MS 12R	MS 18R	MS 22R	MS 32R	MS 40R	MS 48R	MS 50R	MS 65R	MS 75R	MS 85R	MS 100R	MS 125R	MS 150R	MS 180R	MS 220R	MS 300R	MS 400R			
		Phase Loss protection	MS 9K	MS 12K	MS 18K	MS 22K	MS 32K	MS 40K	MS 48K	MS 50K	MS 65K	MS 75K	MS 85K	MS 100K	MS 125K	MS 150K	MS 180K	MS 220K	MS 300K	MS 400K			
Thermal Overload	Standard	TH 22	TH 22	TH 22	TH 22	TH 40	TH 40	TH 40	TH 85	TH 85	TH 85	TH 85	TH 100	TH 100	TH 150	TH 220	TH 220	TH 400	TH 400				
		3 elements	TH 22/3	TH 22/3	TH 22/3	TH 22/3	TH 40/3	TH 40/3	TH 40/3	TH 85/3	TH 85/3	TH 85/3	TH 85/3	TH 100/3	TH 100/3	TH 150/3	TH 220/3	TH 220/3	TH 400/3	TH 400/3			
		Separate mounting	TH 22H	TH 22H	TH 22H	TH 22H	TH 40H	TH 40H	TH 40H	TH 85H	TH 85H	TH 85H	TH 85H	TH 100H	TH 100H	TH 150H	TH 220H	TH 220H	TH 400H	TH 400H			
		Phase Loss protection	TK 22	TK 22	TK 22	TK 22	TK 40	TK 40	TK 40	TK 85	TK 85	TK 85	TK 85	TK 100	TK 100	TK 150	TK 220	TK 220	TK 400	TK 400			