

Table of specifications

Meiasol

MC type Magnetic Contactors (4pole)



Frame size				
Type		Screw clamp terminal		
Number of poles				
Rated operational voltage (Ue)				
Rated insulation voltage (Ui)				
Rated frequency				
Rated impulse withstand voltage, Uimp				
Maximum operating rate in operating cycles per hour(AC1)				
Durability		Mechanical		
		Electrical		
Current and Power	AC-1	Thermal current	A	
		200/240V	kW	
			A	
		380/400V	kW	
			A	
		500/550V	kW	
	A			
	690V	kW		
		A		
UL rating (50/60Hz)	Continuous current		A	
	Single	110~120V	HP	
		220~240V	HP	
		200~208V	HP	
	Three	220~240V	HP	
		440~480V	HP	
		550~600V	HP	
	NEMA Size			
Size and weight		AC	Weight	kg
		Control	Size(W × H × D)	mm
		DC	Weight	kg
		Control	Size(W × H × D)	mm
Auxiliary(standard)				
Auxiliary		Side Mount		
		Front Mount		



18AF			
MC-6a/4	MC-9a/4	MC-12a/4	MC-18a/4
●			
4pole			
690V			
690V			
50/60Hz			
6kV			
1800 operations per hour			
15 mil. Operations			
0.5 mil. Operations		0.8 mil. Operations	
25	25	25	40
9	9	9	15
25	25	25	40
17	17	17	27
25	25	25	40
21	21	21	35
25	25	25	40
27	27	27	44
25	25	25	40
25	25	25	32
0.5	0.5	0.75	1
1.5	1.5	2	3
2	2	3	5
3	3	5	7.5
5	5	7.5	10
7.5	7.5	10	15
00	00	0	0
0.33			
45 × 73.5 × 79			
0.5			
45 × 73.5 × 110.7			
UA-1			
UA-2, UA-4			



22AF	
MC-22a/4	
●	
4pole	
690V	
690V	
50/60Hz	
6kV	
1800 operations	
15 mil. Operations	
1 mil. Operations	
40	
15	
40	
27	
40	
35	
40	
44	
40	
32	
2	
3	
7.5	
7.5	
10	
15	
1	
0.4	
47.2 × 80 × 86.8	
0.5	
47.2 × 80 × 113.2	
AU-1	
UA-2, UA-4	



40AF	
MC-32a/4	MC-40a/4
●	
4pole	
690V	
690V	
50/60Hz	
6kV	
1800 operations per hour	
15 mil. Operations	
1 mil. Operations	
50	60
18	22
50	60
35	42
50	60
43	52
50	60
55	66
50	60
45	50
2	3
5	5
7.5	10
10	10
20	25
20	25
1	1
0.59	
59 × 83.5 × 94.5	
0.7	
59 × 83.5 × 121	
AU-1	
UA-2, UA-4	



85AF			
MC-50a/4	MC-65a/4	MC-75a/4	MC-85a/4
●			
4pole			
690V			
1000V			
50/60Hz			
8kV			
1800 operations per hour			
12 mil. Operations			
1 mil. Operations			
80	100	110	135
30	37	41	51
80	100	110	135
56	70	76	95
80	100	110	135
70	88	97	120
80	100	110	135
88	110	120	150
80	100	110	135
70	80	90	100
3	5	5	7.5
7.5	10	15	15
10	15	20	25
15	20	25	30
30	40	50	50
30	40	50	50
2	2	2	3
1.2			
91 × 123.5 × 117.8			
1.29			
91 × 123.5 × 117.8			
AU-1			
UA-2, UA-4			

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Rated frequency			
Rated impulse withstand voltage, Uimp			
Maximum operating rate in operating cycles per hour(AC1)			
Durability	Mechanical		
	Electrical		
Current and Power	AC-1	Thermal current	A
		200/240V	kW
		380/400V	kW
			A
		500/550V	kW
		690V	kW
UL rating (50/60Hz)	Continuous current		A
	Single	110~120V	HP
	Phase	220~240V	HP
		200~208V	HP
	Three	220~240V	HP
	Phase	440~480V	HP
		550~600V	HP
	NEMA Size		
Size and weight	AC	Weight	kg
	Control	Size(W × H × D)	mm
	DC	Weight	kg
	Control	Size(W × H × D)	mm
Auxiliary(standard)			
Auxiliary	Side Mount		
	Front Mount		

* - FLA = 722 A, LRA = 5618 A

** - FLA = 566 A, LRA = 4495 A

225AF				
MC-100a/4	MC-130a/4	MC-150a/4	MC-185a/4	MC-225a/4
●				
4pole				
690V				
1000V				
50/60Hz				
8kV				
1200 operations per hour				
5 mil. Operations				
0.8 mil. Operations				
160	165	250	300	330
57	60	76	87	100
150	155	200	230	260
106	110	142	165	185
150	155	200	230	260
132	137	180	205	230
150	155	200	230	260
165	170	225	255	290
150	155	200	230	260
160	160	210	230	275
7.5	10	15	15	15
15	20	25	30	40
30	40	40	60	60
30	40	50	60	75
60	75	100	125	150
60	75	100	125	150
3	3	4	4	4
5.6				
175 × 203 × 185				
2NO2NC				
AU-100, AU-100E				
-				

**400AF**

MC-265a/4	MC-330a/4	MC-400a/4
●		
4pole		
690V		
1000V		
50/60Hz		
8kV		
1200 operations per hour		
2.5 mil. Operations		
0.5 mil. Operations		
360	420	500
115	135	160
300	350	420
215	250	300
300	350	420
265	315	375
300	350	420
335	390	470
300	350	420
300	350	450
-	-	-
-	-	-
75	100	125
100	125	150
200	250	300
200	250	300
5	5	5

9.9

206 × 243 × 205

2NO2NC

AU-100, AU-100E

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**800AF**

MC-500a/4	MC-630a/4	MC-800a/4
●		
4pole		
690V		
1000V		
50/60Hz		
8kV		
1200 operations per hour		
2.5 mil. Operations		
0.5 mil. Operations		
630	750	900
245	255	310
630	660	800
450	470	570
630	660	800
560	590	710
630	660	800
710	740	900
630	660	800
580	660	900
-	-	-
-	-	-
150	200	200
200	250	300
400	500	600 *
400	500	600 **
6	6	7

26.3

346 × 310 × 244

2NO2NC

AU-100, AU-100E

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