

Contactors

Susol

Specifications



			12AF		32AF				
			MC-9a	MC-12a	MC-9	MC-12	MC-18	MC-25	MC-32
Type	Model								
	Connection by screws clamp terminals		●	●	●	●	●	●	●
	Connection by lugs		-	-	-	-	-	-	-
Number of poles			3		3				
Rated operational voltage, Ue			690V		690V				
Rated insulation voltage, Ui									
	Conforming to IEC947-4-1		1000V		1000V				
	Conforming to UL, CSA		600V		600V				
Rated impulse withstand voltage, Uimp			8kV		8kV				
Degree of pollution (IEC60529)			IP20		IP20				
Rated operational current Ie ($\theta \leq 55^\circ\text{C}$)									
	AC-1	Ue max 690V [A]	25	25	25	25	40	40	50
	AC-3	200/240V [A]	11	13	11	13	18	25	32
		380/400V [A]	9	12	9	12	18	25	32
		415V [A]	9	12	9	12	18	25	32
		440V [A]	9	12	9	12	18	25	32
		500V [A]	7	12	7	12	13	22	28
		690V [A]	5	9	5	9	9	18	20
Rated operational power ($\theta \leq 55^\circ\text{C}$)									
	AC-3	200/240V [kW]	2.5	3.5	2.5	3.5	4.5	5.5	7.5
		380/400V [kW]	4	5.5	4	5.5	7.5	11	15
		415V [kW]	4	5.5	4	5.5	7.5	11	15
		440V [kW]	4	5.5	4	5.5	7.5	11	15
		500V [kW]	4	7.5	4	7.5	7.5	15	18.5
		690V [kW]	4	7.5	4	7.5	7.5	15	18.5
Rated operational current(440V AC-3) [A]			9	12	9	12	18	25	32
According to IEC 947-4-1	Rated making capacity AC-3 (I/Ie) [440V]		90	120	90	120	180	250	320
	Rated breaking capacity AC-3 (Ic/Ie) [440V]		72	96	72	96	144	200	256
Mechanical durability in millions of operating cycles			15	15	15	15	15	15	15
Maximum operating rate In operating cycles per hour			1800	1800	1800	1800	1800	1800	1800
Mechanical durability in millions of operating cycles			8.07	8.07	8.07	8.07	8.07	8.07	8.07
Maximum operating rate In operating cycles per hour			7200	7200	7200	7200	7200	7200	7200
Electrical life for Ie/AC-3 Max in millions of operating cycles			2.5	2.5	2.5	2.5	2.5	2.5	2.5
Maximum operating rate in operating cycles per hour			1800	1800	1800	1800	1800	1800	1800
AC control coil voltage operated contactors									
	Weight [kg]		0.26		0.45				
	Basic dimensions (W × H × D) [mm]		45 × 74 × 82		45 × 83 × 93				
DC control coil voltage operated contactors									
	Weight [kg]		0.47		0.63				
	Basic dimensions (W × H × D) [mm]		45 × 74 × 114		45 × 83 × 118				

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63AF

MC-35	MC-40	MC-50	MC-63
•	•	•	•
•	•	•	•
3			
690V			
1000V			
600V			
8kV			
IP20			
55	60	70	75
35	40	55	63
35	40	50	63
35	40	50	63
35	40	50	63
30	32	43	45
21	23	28	30
11	11	15	15
18.5	18.5	22	25
18.5	18.5	22	25
18.5	18.5	22	25
22	22	30	30
22	22	30	30
35	40	50	63
350	400	500	630
280	320	400	504
12	12	12	12
1200	1200	1200	1200
5.97	5.97	5.97	5.97
7200	7200	7200	7200
2	2	2	1.3
1200	1200	1200	1200
0.94			
55 × 106 × 122			
1.2			
55 × 106 × 160.5			

95AF

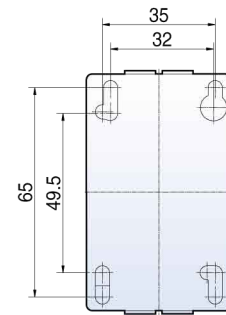
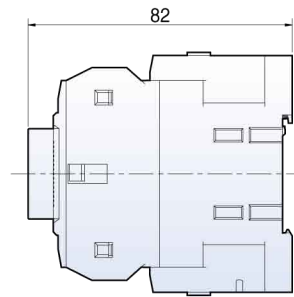
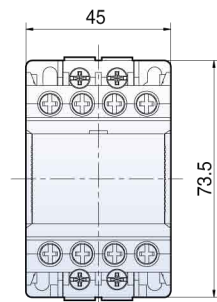
MC-65	MC-75	MC-85	MC-95
•	•	•	•
•	•	•	•
3			
690V			
1000V			
600V			
8kV			
IP20			
100	110	135	140
65	75	85	95
65	75	85	95
65	75	85	95
65	75	85	95
65	75	85	95
60	64	75	85
35	42	45	50
18.5	22	25	25
30	37	45	45
30	37	45	45
30	37	45	45
30	37	45	45
33	37	45	50
33	37	45	45
65	75	85	95
650	750	850	950
520	600	680	760
12	12	12	12
1200	1200	1200	1200
5.97	5.97	5.97	5.97
7200	7200	7200	7200
2	2	2	2
1200	1200	1200	1200
1.82			
70 × 140 × 137			
2.7			
70 × 140 × 172.5			

Overall dimensions

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Contactors

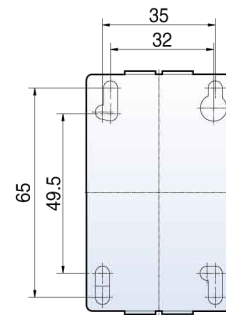
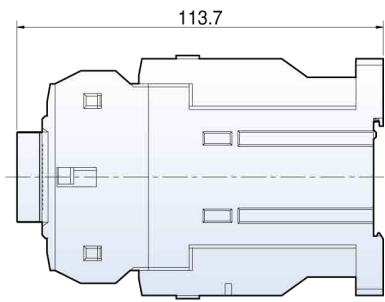
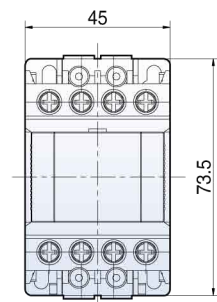
MC-9a, 12a AC



[mm]

0.262kg

MC-9a, 12a DC



0.468kg

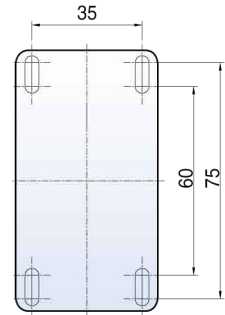
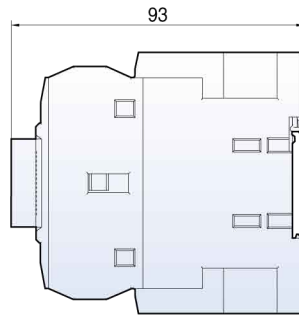
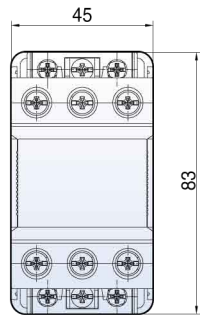
Overall dimensions

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Contactors

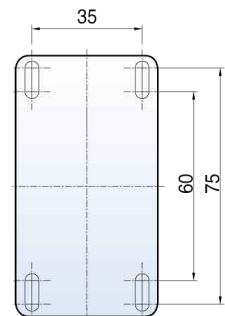
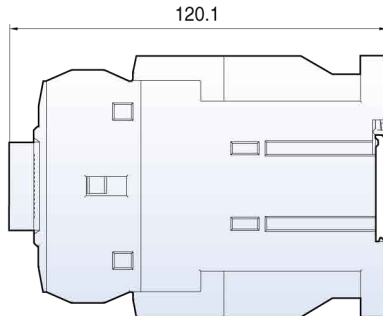
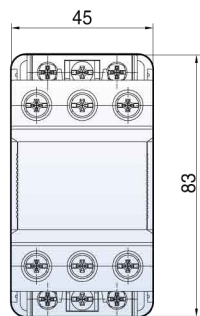
[mm]

MC-9~32 AC



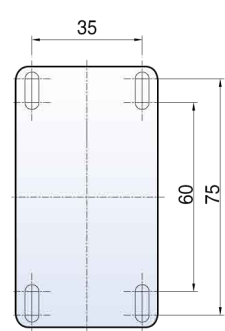
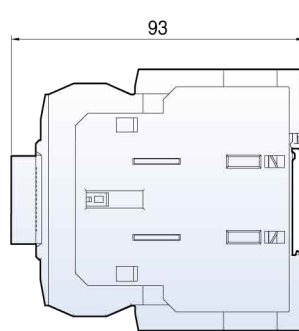
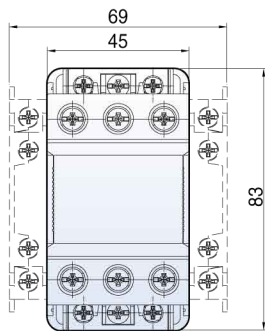
0.442kg

MC-9~32 DC



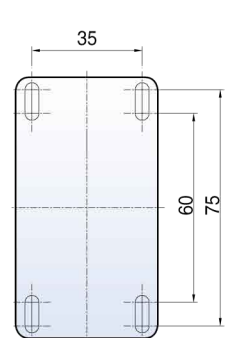
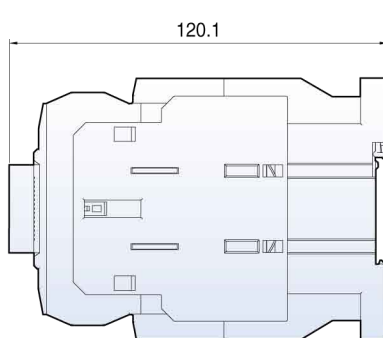
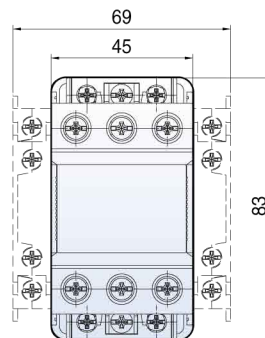
0.628kg

MC-9~32 AC
2a2b



0.549kg

MC-9~32 DC
2a2b



0.765kg

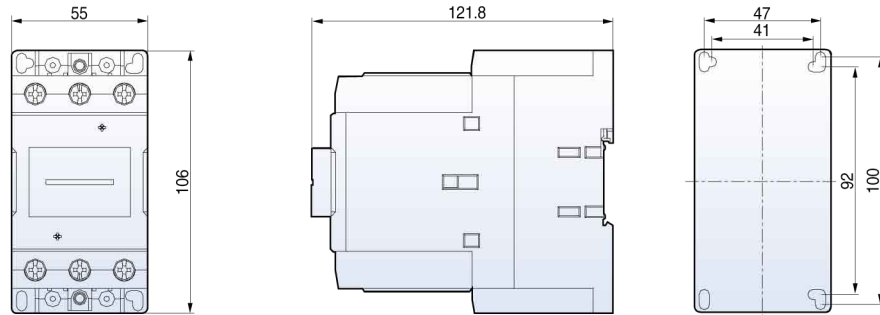
Overall dimensions

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Contactors

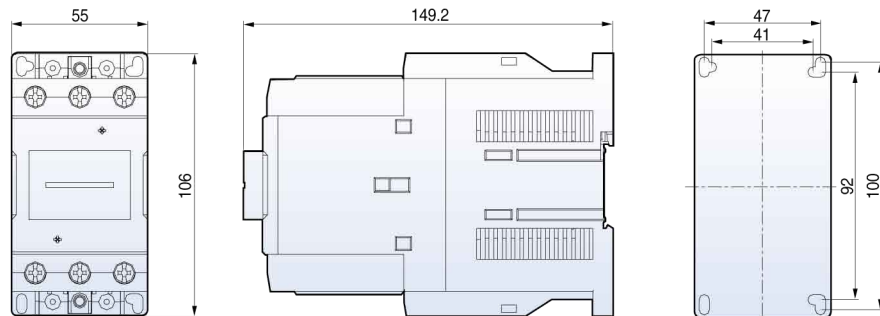
[mm]

MC-35~63 AC



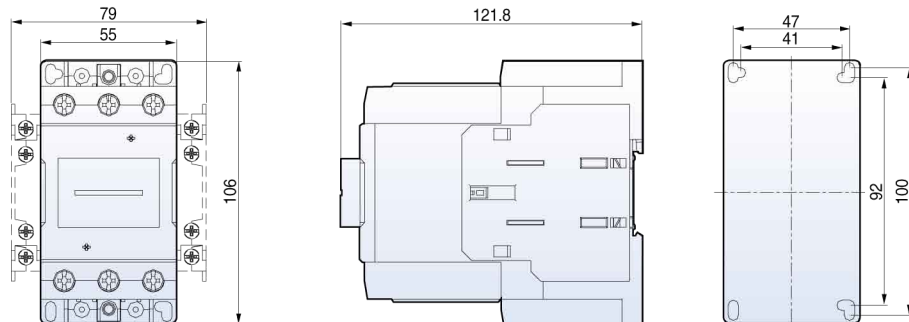
0.940kg

MC-35~63 DC



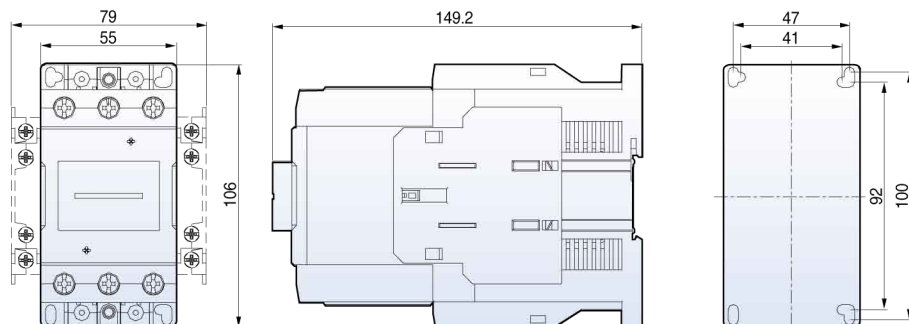
1.196kg

**MC-35~63 AC
2a2b**



1.045kg

**MC-35~63 DC
2a2b**



1.301kg

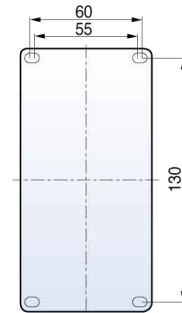
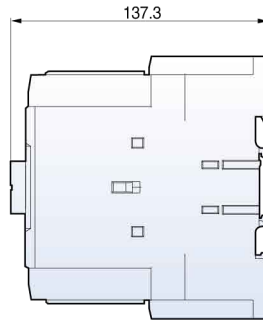
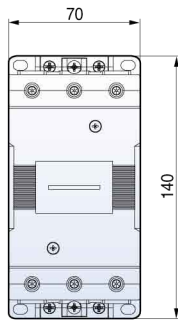
Overall dimensions

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Contactors

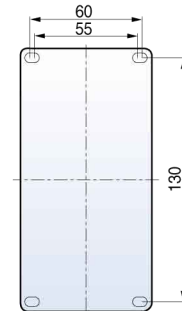
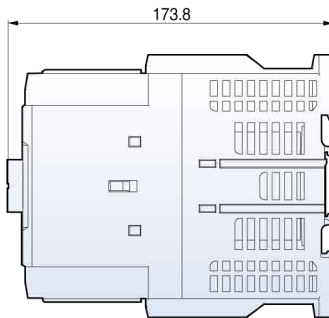
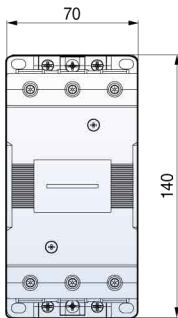
[mm]

MC-65~95 AC



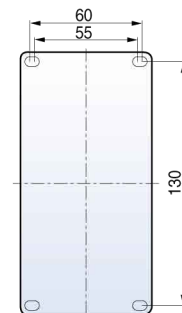
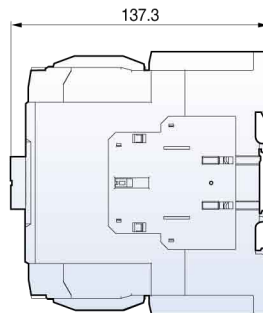
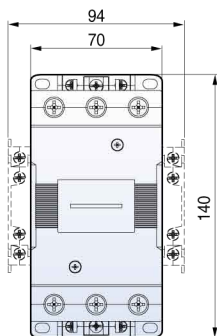
1.820kg

MC-65~95 DC



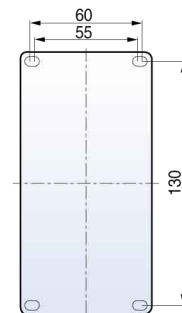
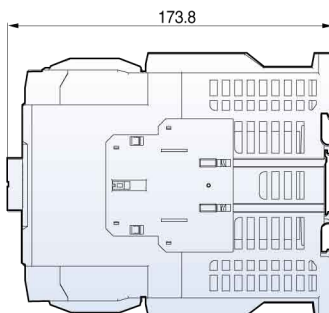
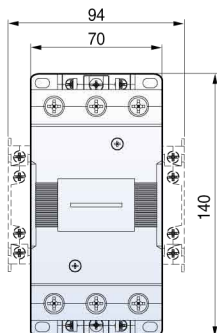
2.700kg

**MC-65~95 AC
2a2b**



1.925kg

**MC-65~95 DC
2a2b**



2.805kg