

Contactors

Susol

Control circuit characteristics



Type	32AF	63AF	95AF
Contactor types	MC-9 MC-12 MC-18 MC-25 MC-32	MC-35 MC-40 MC-50 MC-63	MC-65 MC-75 MC-85 MC-95
AC control circuit characteristics			
Rated control circuit voltage [Uc]	24, 32, 36, 42, 48, 80, 100, 110, 220, 230, 240, 380, 400, 415, 440, 500, 550V		
50Hz [V]	24, 48, 100, 110, 120, 200, 208, 220, 230, 240, 277, 380, 440, 480, 600V		
60Hz [V]	24, 48, 100, 110, 120, 200, 220, 230, 240, 380, 415, 440, 500, 550V		
50/60Hz [V]			
Control voltage limits			
Operational	0.85 ... 1.1 Uc on 50 Hz		
	0.85 ... 1.1 Uc on 60 Hz		
Drop-out	0.3 ... 0.6 Uc		
Coil consumption at 20°C			
Inrush [VA]	80	120	220
Holding [VA]	9	11	16
Heat dissipation [W]	2.2	2.2	5.1
Operating time			
Closing [ms]	12 ... 22	12 ... 22	15 ... 30
Opening [ms]	4 ... 19	4 ... 19	15 ... 30
DC control circuit characteristics			
Rated control circuit voltage [Uc]	12, 20, 24, 48, 60, 80, 100, 110, 125, 200, 220, 250		
Control voltage limits			
Operational	0.7 ... 1.1Uc		
Drop-out	0.1 ... 0.3 Uc		
Coil consumption at 20°C			
Inrush [W]	7	9	18
Holding [W]	7	9	18
Time constant (L/R) [ms]	28	65	75
Operating time			
Closing [ms]	12 ... 22	12 ... 22	100 ... 120
Opening [ms]	4 ... 19	4 ... 19	10 ... 25