

**Solenoid specifications**

Solenoid classification		AC solenoid										
Power source		C1 / C3			C120		C2 / C4			C5 / C6		
Voltage(V)		AC110		AC120	AC120		AC220		AC240	AC240		
Frequency(Hz)		50	60	60	50	60	50	60	60	50	60	
Size 02	Solenoid coil type	DFA-02-35	2AH-C1/C3			2AH-C120		2AH-C2/C4			2AH-C5/C6	
		DFB-02-35	2BH-C1/C3			2BH-C120		2BH-C2/C4			2BH-C5/C6	
	Starting current(A)		2.2	2.0	2.2	2.0	1.8	1.1	1.0	1.1	1.0	0.9
	Holding current(A)		0.54	0.41	0.47	0.45	0.35	0.25	0.19	0.23	0.23	0.18
	Holding electric power(W)		25	22	28	25	22	25	22	28	25	22
	Permissible voltage range(V)		80 ~ 120			90 ~ 130		180 ~ 240			200 ~ 260	
Insulation resistance(MΩ)		100 or above (500V)										
Size 03	Solenoid coil type	DFA-03-35	3AH-C1/C3			3AH-C120		3AH-C2/C4			2AH-C5/C6	
		DFB-03-35	3BH-C1/C3			3BH-C120		3BH-C2/C4			2BH-C5/C6	
	Starting current(A)		5.5	4.6	5.0	5.0	4.2	2.7	2.3	2.5	2.5	2.1
	Holding current(A)		1.1	0.86	1.0	0.9	0.71	0.52	0.42	0.48	0.4	0.33
	Holding electric power(W)		36	34	42	36	34	36	34	32	36	34
	Permissible voltage range(V)		80 ~ 120			90 ~ 130		180 ~ 240			200 ~ 260	
Insulation resistance(MΩ)		100 or above (500V)										

Solenoid classification		DC solenoid						
Power source		Built-in rectifier				D1	D2	
Voltage(V)		R1 / R3		R2 / R4		DC12	DC24	
Frequency(Hz)		AC110		AC120		AC220	AC240	
Frequency(Hz)		50 / 60		50 / 60		—	—	
Size 02	Solenoid coil type	DFA-02-35	2AF-R1/R3		2AF-R2/R4		2AF-D1	2AF-D2
		DFB-02-35	2BF-R1/R3		2BF-R2/R4		2BF-D1	2BF-D2
	Current(A)		0.31		0.32		0.15	0.16
	Holding electric power(W)		30		32		30	30
	Permissible voltage range(V)		80 ~ 130		180 ~ 250		10.8 ~ 13.2	21.6 ~ 26.4
Insulation resistance(MΩ)		100 or above (500V)						
Size 03	Solenoid coil type	DFA-03-35	3EA-R1/R3		3EA-R2/R4		3EA-D1	3EA-D2
		DFB-03-35	3EB-R1/R3		3EB-R2/R4		3EB-D1	3EB-D2
	Current(A)		0.46		0.49		0.22	0.24
	Holding electric power(W)		31		34		30	33
	Permissible voltage range(V)		80 ~ 130		180 ~ 250		10.8 ~ 13.2	21.6 ~ 26.4
Insulation resistance(MΩ)		100 or above (500V)						

Solenoid classification		AC solenoid										
Power source		C1 / C3			C120		C2 / C4			C5 / C6		
Voltage(V)		AC110		AC120	AC120		AC220		AC240	AC240		
Frequency(Hz)		50	60	60	50	60	50	60	60	50	60	
Size 03	Solenoid coil type	DFA-03-35H	3EA-C1/C3			3EA-C120		3EA-C2/C4			3EA-C5/C6	
		DFB-03-35H	3EB-C1/C3			3EB-C120		3EB-C2/C4			3EB-C5/C6	
	Starting current(A)		5.3	4.5	5	5	4.2	2.6	2.2	2.4	2.5	2.1
	Holding current(A)		1.1	0.9	1.0	1.1	0.87	0.56	0.45	0.53	0.47	0.38
	Holding electric power(W)		36	34	42	36	34	36	34	32	36	34
	Permissible voltage range(V)		80 ~ 120			90 ~ 130		180 ~ 240			200 ~ 260	
Insulation resistance(MΩ)		100 or above (500V)										

Solenoid classification		DC solenoid						
Power source		Built-in rectifier				D1	D2	
Voltage(V)		R1 / R3		R2 / R4		DC12	DC24	
Frequency(Hz)		AC110		AC120		AC220	AC240	
Frequency(Hz)		50 / 60		50 / 60		—	—	
Size 03	Solenoid coil type	DFA-03-35H	3AF-R1/R3		3AF-R2/R4		3AF-D1	3AF-D2
		DFB-03-35H	3BF-R1/R3		3BF-R2/R4		3BF-D1	3BF-D2
	Current(A)		0.42		0.46		0.21	0.23
	Holding electric power(W)		31		34		30	33
	Permissible voltage range(V)		80 ~ 130		180 ~ 250		10.8 ~ 13.2	21.6 ~ 26.4
Insulation resistance(MΩ)		100 or above (500V)						