

LP1-D Series DC Operated AC Contactor

Application

LP1-D series DC operated AC contactor is suitable for use in the circuits up to rated voltage 660V AC 50Hz or 60Hz, and in rated current 9-95A in AC-3/380V load circuits. For remote controlling circuit making, breaking and frequent starting AC motors. It can also combine with the auxiliary contact group, air delayer, thermal relay devices etc.

Specification

Type		LP1-D09Z	LP1-D12Z	LP1-D18Z	LP1-D25Z	LP1-D32Z	
Rated working current(A)	380V	AC3	9	12	18	25	32
		AC4	3.5	5	7.7	8.5	12
	660V	AC3	6.6	8.9	12	18	21
		AC4	1.5	2	3.8	4.4	7.5
Rated heat current(A)		25	25	32	40	50	
Controllable power(KW)	220/240V		2.2	3	4	5.5	7.5
	380/400V		4	5.5	7.5	11	15
	415V		4	5.5	9	11	15
	500V		5.5	7.5	10	15	18.5
	600/690V		5.5	7.5	10	15	18.5
Weight(Kg)	DC contactor		0.64	0.34	0.65	0.65	0.95
Measure(Mm) ³	DC contactor		76×115×47	76×115×47	76×120×47	88×130×59	86×135×59
Pole			3, 4	3, 4	3	3, 4	3
Rated working voltage(V)			380, 660	380, 660	380, 660	380, 660	380, 660
Rated insulation voltage(V)			660	660	660	660	660
Mechanical life×10 ⁴			1000	1000	1000	1000	800
Electrical life	AC×10 ⁴		100	100	100	100	80
	AC4×10 ⁴		20	20	20	20	20
Operating frequency	Electrical life	AC3×10 ⁴	1200	1200	1200	1200	600
		AC4×10 ⁴	300	300	300	300	300
	Mechanical life×10 ⁴		3600	3600	3600	3600	3600
Rated controlled voltage(V)			24-660	24-660	24-660	24-660	24-660
Working voltage	Close	DC%	0.85~1.1Us	0.85~1.1Us	0.85~1.1Us	0.85~1.1Us	0.85~1.1Us
	Open	DC%	0.10~0.75Us	0.10~0.75Us	0.10~0.75Us	0.10~0.75Us	0.10~0.75Us

Type		LP1-D40Z	LP1-D50Z	LP1-D65Z	LP1-D80Z	LP1-D95Z	
Rated working current(A)	380V	AC3	40	50	65	80	95
		AC4	18.5	24	28	37	44
	660V	AC3	34	39	42	49	55
		AC4	9	12	14	17.3	21.3
Rated heat current(A)		60	80	80	125	125	
Controllable power(KW)	220/240V		11	15	18.5	22	25
	380/400V		18.5	22	30	37	45
	415V		22	30	37	45	45
	500V		22	30	37	55	55
	600/690V		30	33	37	45	55
Weight(Kg)	DC contactor		2.185	2.185	2.185	2.525	2.525
Measure(mm) ³	DC contactor		128×175×81	128×175×87	128×175×87	128×183×87	128×183×8
Pole			3, 4	3, 4	3, 4	3, 4	3, 4
Rated working voltage(V)			380, 660	380, 660	380, 660	380, 660	380, 660
Rated insulation voltage(V)			660	660	660	660	660
Mechanical life×10 ⁴			800	800	800	600	600
Electrical life	AC×10 ⁴		80	80	80	60	60
	AC4×10 ⁴		15	15	15	10	10
Operating frequency	Electrical life	AC3×10 ⁴	600	600	600	600	600
		AC4×10 ⁴	300	300	300	300	300
	Mechanical life×10 ⁴		3600	3600	3600	3600	3600
Rated controlled voltage(V)			24-660	24-660	24-660	24-660	24-660
Working voltage	Close	DC%	0.85~1.1Us	0.85~1.1Us	0.85~1.1Us	0.85~1.1Us	0.85~1.1Us
	Open	DC%	0.10~0.75Us	0.10~0.75Us	0.10~0.75Us	0.10~0.75Us	0.10~0.75Us



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