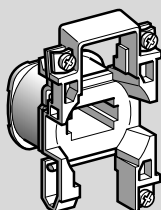


- d 3 and 4-pole contactors type LC1-D (9 to 95 A) a.c. coils
- References



Control circuit voltage U _c (V)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Reference (1)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Reference (1)	Weight (kg)
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For contactors LC1-D09, D12, D18

Specifications

- Average consumption at 20 °C :
inrush ($\cos\phi=0.75$) 50 Hz : 60 VA, 60 Hz : 70 VA.
sealed ($\cos\phi=0.3$) 50 Hz : 7 VA, 60 Hz : 7.5 VA.
- Operating range ($\theta \leq 55^\circ\text{C}$) : 0.8...1.1 U_c.

50Hz				60Hz			
24	6.82	0.3	LX1-D2B5	5.45	0.25	LX1-D2B6	0.070
32	12.26	0.48	LX1-D2C5	-	-	-	0.070
42	21.32	0.93	LX1-D2D5	-	-	-	0.070
48	28.05	1.22	LX1-D2E5	22.09	1.02	LX1-D2E6	0.070
110	148.2	5.7	LX1-D2F5	116.6	4.5	LX1-D2F6	0.070
120	-	-	-	139.2	5.1	LX1-D2G6	0.070
127	192.5	7.5	LX1-D2G5	-	-	-	0.070
208	-	-	-	417.8	16.6	LX1-D2L6	0.070
220	-	-	-	490.2	18.5	LX1-D2M6	0.070
220/230	613.3	23	LX1-D2M5	-	-	-	0.070
230	649.7	25	LX1-D2P5	-	-	-	0.070
240	726.6	25	LX1-D2U5	587.4	21	LX1-D2U6	0.070
256	816	31	LX1-D2W5	-	-	-	0.070
277	-	-	-	781.5	30	LX1-D2W6	0.070
380	-	-	-	1486	55	LX1-D2Q6	0.070
380/400	1848	67	LX1-D2Q5	-	-	-	0.070
400	2069	68	LX1-D2V5	-	-	-	0.070
415	2219	78	LX1-D2N5	1826	69	LX1-D2N6	0.070
440	2549	82	LX1-D2R5	1892	71	LX1-D2R6	0.070
480	-	-	-	2304	85	LX1-D2T6	0.070
500	3285	107	LX1-D2S5	-	-	-	0.070
575	-	-	-	3432	119	LX1-D2S6	0.070
600	-	-	-	3678	135	LX1-D2X6	0.070
660	5631	190	LX1-D2Y5	-	-	-	0.070

Specifications

- Average consumption at 20 °C :
inrush ($\cos\phi=0.75$) 50/60 Hz : 70 VA to 50 Hz.
sealed ($\cos\phi=0.3$) 50/60 Hz : 8 VA to 50 Hz.
- Operating range ($\theta \leq 55^\circ\text{C}$) : 0.85...1.1 U_c.

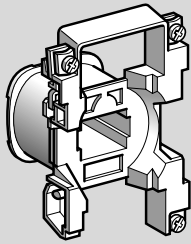
50/60Hz							
24	-	-	-	6.19	0.26	LX1-D2B7	0.070
42	-	-	-	19.15	0.77	LX1-D2D7	0.070
48	-	-	-	25	1	LX1-D2E7	0.070
110	-	-	-	130	5.5	LX1-D2F7	0.070
120	-	-	-	159	6.7	LX1-D2G7	0.070
220/230	-	-	-	539	22	LX1-D2M7	0.070
(3)	-	-	-	595	21	LX1-D2P7	0.070
230	-	-	-	645	25	LX1-D2U7	0.070
230/240	-	-	-	1580	60	LX1-D2Q7	0.070
(4)	-	-	-	1810	64	LX1-D2V7	0.070
380/400	-	-	-	1938	74	LX1-D2N7	0.070
400	-	-	-	2242	79	LX1-D2R7	0.070

415

440

- (1) The last 2 digits of the reference represent the voltage code.
- (2) Voltage for special coils fitted in contactors with serial timer modules, with 24 V supply.
- (3) This coil can be used on 240 V at 60 Hz.
- (4) This coil can be used on 230/240 V at 50 Hz and at 240 V only at 60 Hz.

- d 3 and 4-pole contactors type LC1-D
(9 to 95 A) a.c. coils
- References



Control circuit voltage Uc (V)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Reference (1)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Reference (1)	Weight (kg)
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For contactors LC1-D25, D32 (except LC1-D2500)

Specifications

- Average consumption at 20 °C :
inrush ($\cos\phi = 0.75$) 50 Hz : 90 VA, 60 Hz : 100 VA.
sealed ($\cos\phi = 0.3$) 50Hz : 7.5 VA, 60 Hz : 8.5 VA.
- Operating range ($\theta \leq 55^\circ\text{C}$) : 0.8...1.1 Uc.

50Hz				60Hz			
21 (2)	3.5	0.23	LX1-D4Z5	2.9	0.14	LX1-D4Z6	0.070
24	4.5	0.25	LX1-D4B5	3.5	0.18	LX1-D4B6	0.070
32	8.6	0.45	LX1-D4C5	-	-	-	0.070
42	14.4	0.78	LX1-D4D5	-	-	-	0.070
48	18.6	1.1	LX1-D4E5	14.5	0.72	LX1-D4E6	0.070
110	105	5.4	LX1-D4F5	81	3.8	LX1-D4F6	0.070
120	-	-	-	98	4.5	LX1-D4G6	0.070
127	136	7.1	LX1-D4G5	-	-	-	0.070
208	-	-	-	272	14	LX1-D4L6	0.070
220	-	-	-	325	15	LX1-D4M6	0.070
220/230	431	21	LX1-D4M5	-	-	-	0.070
230	454	23	LX1-D4P5	-	-	-	0.070
240	526	25	LX1-D4U5	405	18	LX1-D4U6	0.070
256	565	29	LX1-D4W5	-	-	-	0.070
277	-	-	-	525	24	LX1-D4W6	0.070
380	-	-	-	1010	30	LX1-D4Q6	0.070
380/400	1306	64	LX1-D4Q5	-	-	-	0.070
400	1389	73	LX1-D4V5	-	-	-	0.070
415	1595	76	LX1-D4N5	-	-	-	0.070
440	1710	85	LX1-D4R5	1315	61	LX1-D4R6	0.070
480	-	-	-	1605	72	LX1-D4T6	0.070
500	2168	110	LX1-D4S5	-	-	-	0.070
575	-	-	-	2360	103	LX1-D4S6	0.070
600	-	-	-	2480	113	LX1-D4X6	0.070
660	3984	191	LX1-D4Y5	-	-	-	0.070

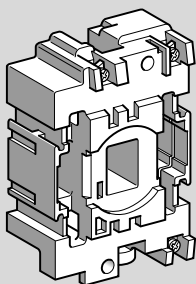
Specifications

- Average consumption at 20 °C :
inrush ($\cos\phi = 0.75$) 50/60 Hz : 100 VA to 50 Hz.
sealed ($\cos\phi = 0.3$) 50/60 Hz : 8.5 VA to 50 Hz.
- Operating range ($\theta \leq 55^\circ\text{C}$) : 0.85...1.1 Uc.

50/60Hz						
21 (2)	-	-	-	3.1	0.18	LX1-D4Z7
24	-	-	-	4.3	0.23	LX1-D4B7
42	-	-	-	13.5	0.69	LX1-D4D7
48	-	-	-	16	0.92	LX1-D4E7
110	-	-	-	91	4.9	LX1-D4F7
120	-	-	-	107	5.5	LX1-D4G7
220/230 (3)	-	-	-	367	16	LX1-D4M7
230	-	-	-	377	21	LX1-D4P7
230/240 (4)	-	-	-	452	23	LX1-D4U7
380/400	-	-	-	1186	32	LX1-D4Q7
400	-	-	-	1200	65	LX1-D4V7
415	-	-	-	1383	70	LX1-D4N7
440	-	-	-	1478	78	LX1-D4R7

- (1) The last 2 digits of the reference represent the voltage code.
 (2) Voltage for special coils fitted in contactors with serial timer modules, with 24 V supply.
 (3) This coil can be used on 240 V at 60 Hz.
 (4) This coil can be used on 230/240 V at 50 Hz and at 240 V only at 60 Hz.

- d 3 and 4-pole contactors type LC1-D (9 to 95 A) a.c. coils
- References



Control circuit voltage U _c (V)	Average resistance, at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Reference (1)	Average resistance, at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Reference (1)	Weight (kg)
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For contactors LC1-D40,D50,D65,D80,D95

Specifications

- Average consumption at 20 °C :
inrush (cosφ= 0.75) 50 Hz : 200 VA, 60 Hz : 220 VA.
sealed (cosφ= 0.3) 50Hz : 20 VA, 60 Hz : 22 VA.
- Operating range (θ ≤ 55 °C) : 0.85...1.1 U_c.

50Hz				60Hz			
24	1.4	0.09	LX1-D6B5	1.05	0.06	LX1-D6B6	0.280
32	2.6	0.16	LX1-D6C5	-	-	-	0.280
42	4.4	0.27	LX1-D6D5	-	-	-	0.280
48	5.5	0.35	LX1-D6E5	4.2	0.23	LX1-D6E6	0.280
110	31	1.9	LX1-D6F5	22	1.2	LX1-D6F6	0.280
120	-	-	-	28	1.5	LX1-D6G6	0.280
127	41	2.4	LX1-D6G5	-	-	-	0.280
208	-	-	-	86	4.3	LX1-D6L6	0.280
220	-	-	-	98	4.8	LX1-D6M6	0.280
220/230	127	7.5	LX1-D6M5	-	-	-	0.280
230	133	8.1	LX1-D6P5	-	-	-	0.280
240	152	8.7	LX1-D6U5	120	5.7	LX1-D6U6	0.280
256	166	10	LX1-D6W5	-	-	-	0.280
277	-	-	-	157	8	LX1-D6W6	0.280
380	-	-	-	300	14	LX1-D6Q6	0.280
380/400	381	22	LX1-D6Q5	-	-	-	0.280
400	411	25	LX1-D6V5	-	-	-	0.280
415	463	26	LX1-D6N5	-	-	-	0.280
440	513	30	LX1-D6R5	392	19	LX1-D6R6	0.280
480	-	-	-	480	23	LX1-D6T6	0.280
500	668	38	LX1-D6S5	-	-	-	0.280
575	-	-	-	675	33	LX1-D6S6	0.280
600	-	-	-	775	36	LX1-D6X6	0.280
660	1220	67	LX1-D6Y5	-	-	-	0.280

Specifications

- Average consumption at 20 °C :
inrush (cosφ= 0.75) 50 /60 Hz : 245 VA to 50 Hz.
sealed (cosφ= 0.3) 50/60 Hz : 26 VA to 50 Hz.
- Operating range (θ ≤ 55 °C) : 0.85...1.1 U_c.

50/60Hz							
24	-	-	-	1.22	0.08	LX1-D6B7	0.280
42	-	-	-	3.5	0.25	LX1-D6D7	0.280
48	-	-	-	5	0.32	LX1-D6E7	0.280
110	-	-	-	26	1.7	LX1-D67	0.280
120	-	-	-	32	2	LX1-D6G7	0.280
220/230 (2)	-	-	-	102	6.7	LX1-D6M7	0.280
230	-	-	-	115	7.7	LX1-D6P7	0.280
230/240 (3)	-	-	-	131	8.3	LX1-D6U7	0.280
380/400 (4)	-	-	-	310	20	LX1-D6Q7	0.280
400	-	-	-	349	23	LX1-D6V7	0.280
415	-	-	-	390	24	LX1-D6N7	0.280
440	-	-	-	410	27	LX1-D6R7	0.280

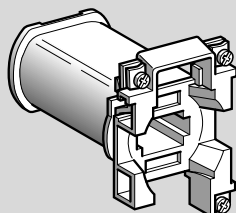
(1) The last 2 digits of the reference represent the voltage code.

(2) For use on 230 V 50 Hz, apply a multiplying factor of 0.6 to the mechanical life of the contactor. This coil can be used on 240 V at 60 Hz.

(3) This coil can be used on 220/240 V at 50 Hz and at 240 V only at 60 Hz.

(4) For use on 400 V 50 Hz, apply a multiplying factor of 0.6 to the mechanical life of the contactor.

- d 3 and 4-pole contactors type LP1-D
(9 to 95 A) d.c. coils
- References



For contactors LP1-D09, D12, D18

Specifications

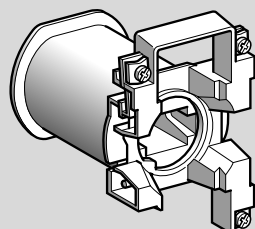
- Average consumption : 9 W.
- Operating range ($\theta \leq 55^\circ\text{C}$) : 0.8...1.1 Uc.

Control circuit voltage Uc (V)	Average resistance. at $20^\circ\text{C} \pm 10\%$ (Ω)	Inductance of closed circuit (H)	Voltage code	Reference	Weight (kg)
12	17	0.79	JD	LX4-D2JD	0.175
21(1)	45.4	2.16	ZD	LX4-D2ZD	0.175
24	71	3.1	BD	LX4-D2BD	0.175
36	149.7	7.1	OD	LX4-D2CD	0.175
48	267	11.9	ED	LX4-D2ED	0.175
60	422	19	ND	LX4-D2ND	0.175
72	609	26	SD	LX4-D2SD	0.175
110	1411	61.8	FD	LX4-D2FD	0.175
125	1781	77.8	GD	LX4-D2GD	0.175
220	5235	221	MD	LX4-D2MD	0.175
250	6433	271	UD	LX4-D2UD	0.175
440	19 785	793	RD	LX4-D2RD	0.175
600	38 982	1393	XD	LX4-D2XD	0.175

For contactors LP1-D25, D32

Specifications

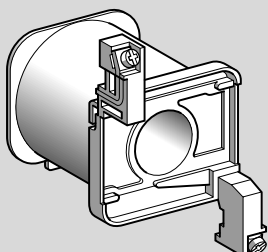
- Average consumption : 11 W.
- Operating range ($\theta \leq 55^\circ\text{C}$) : 0.8...1.1 Uc.



Control circuit voltage Uc (V)	Average resistance. at $20^\circ\text{C} \pm 10\%$ (Ω)	Inductance of closed circuit (H)	Voltage code	Reference	Weight (kg)
12	131.3	0.73	JD	LX4-D4JD	0.265
21(1)	36.4	2.11	ZD	LX4-D4ZD	0.265
24	53	2.92	BD	LX4-D4BD	0.265
36	120.3	7.17	OD	LX4-D4CD	0.265
48	211	11.3	ED	LX4-D4ED	0.265
60	331	17.8	ND	LX4-D4ND	0.265
72	473	27.5	SD	LX4-D4SD	0.265
110	1122	63.6	FD	LX4-D4FD	0.265
125	1431	81	GD	LX4-D4GD	0.265
220	4461	237	MD	LX4-D4MD	0.265
250	6044	338	UD	LX4-D4UD	0.265
440	17450	932	RD	LX4-D4RD	0.265
600	33610	1706	XD	LX4-D4XD	0.265

(1) Voltage for special coils fitted in contactors with serial timer modules, with 24 V supply.

- d 3 and 4-pole contactors type LP1-D (9 to 95 A) d.c. coils
- References



For contactors LP1-D40, D50, D65

Specifications

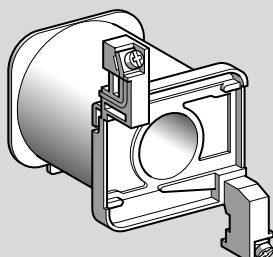
- Average consumption : 22 W.
- Operating range : 0.85...1.1 Uc.

Control circuit voltage Uc (V)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Voltage code	Reference	Weight (kg)
12	7.1	0.44	JD	LX4-D6JD	0.415
24	26.8	1.69	BD	LX4-D6BD	0.415
36	58	3.55	CD	LX4-D6CD	0.415
48	109	6.86	ED	LX4-D6ED	0.415
60	173	10.9	ND	LX4-D6ND	0.415
72	234	14.7	SD	LX4-D6SD	0.415
110	560	35.28	FD	LX4-D6FD	0.415
125	717	45.2	GD	LX4-D6GD	0.415
220	2255	142	MD	LX4-D6MD	0.415
250	2940	185	UD	LX4-D6UD	0.415
440	9080	572	RD	LX4-D6RD	0.415
600	17 230	1085	XD	LX4-D6XD	0.415

For contactors LP1-D80

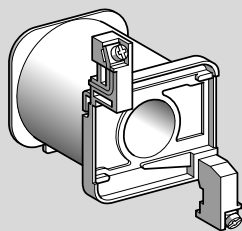
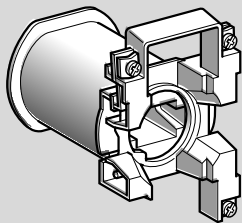
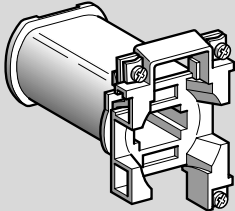
Specifications

- Average consumption : 22 W.
- Operating range : 0.85...1.1 Uc.



Control circuit voltage Uc (V)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Voltage code	Reference	Weight (kg)
12	6.6	0.46	JD	LX4-D7JD	0.680
24	27	1.89	BD	LX4-D7BD	0.680
36	57	4	CD	LX4-D7CD	0.680
48	107	7.5	ED	LX4-D7ED	0.680
60	170	11.9	ND	LX4-D7ND	0.680
72	230	16.1	SD	LX4-D7SD	0.680
110	564	39.5	FD	LX4-D7FD	0.680
125	718	50.3	GD	LX4-D7GD	0.680
220	2215	155	MD	LX4-D7MD	0.680
250	2850	200	UD	LX4-D7UD	0.680
440	9195	640	RD	LX4-D7RD	0.680
600	17 425	1220	XD	LX4-D7XD	0.680

- d 3 and 4-pole contactors type LP1-D (9 to 95 A) Wide range d.c. coils for specific applications
- References



Control circuit voltage Uc (V)	Average resistance. at 20 °C ± 10% (Ω)	Inductance of closed circuit (H)	Voltage code	Reference	Weight (kg)
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For contactors LP1-D09, D12, D18

Specifications

- Average consumption : 11 W.
- Operating range : 0.7...1.25 Uc.
- Coils with "TH" treatment as standard.

12	15.6	0.71	JW	LX4-D2JW	0.175
24	58.7	2.49	BW	LX4-D2BW	0.175
36	122.6	5.3	CW	LX4-D2CW	0.175
48	234	9.9	EW	LX4-D2EW	0.175
72	530	21.4	SW	LX4-D2SW	0.175
110	1105	44.4	FW	LX4-D2FW	0.175
220	4593	185	MW	LX4-D2MW	0.175

For contactors LP1-D25, D32

Specifications

- Average consumption : 13 W.
- Operating range : 0.7...1.25 Uc.
- Coils with "TH" treatment as standard.

12	12.3	0.68	JW	LX4-D4JW	0.265
24	49.2	2.71	BW	LX4-D4BW	0.265
36	100.7	5.57	CW	LX4-D4CW	0.265
48	199	10.8	EW	LX4-D4EW	0.265
72	404	22.3	SW	LX4-D4SW	0.265
110	944	51	FW	LX4-D4FW	0.265
220	3953	208	MW	LX4-D4MW	0.265

For contactors LP1-D40, D50, D65

Specifications

- Average consumption : 22 W.
- Operating range : 0.75...1.2 Uc.
- Coils with "TH" treatment as standard.

12	6.8	0.45	JW	LX4-D6JW	0.415
24	30	1.9	BW	LX4-D6BW	0.415
36	53	3.5	CW	LX4-D6CW	0.415
48	110	7.2	EW	LX4-D6EW	0.415
72	215	14.2	SW	LX4-D6SW	0.415
110	580	38.3	FW	LX4-D6FW	0.415
220	2120	140	MW	LX4-D6MW	0.415

For contactors LP1-D80

Specifications

- Average consumption : 23 W.
- Operating range : 0.75...1.2 Uc.
- Coils with "TH" treatment as standard.

12	6.2	0.49	JW	LX4-D7JW	0.680
24	23.5	1.75	BW	LX4-D7BW	0.680
36	51.9	4.18	CW	LX4-D7CW	0.680
48	94.2	7	EW	LX4-D7EW	0.680
72	204	15.7	SW	LX4-D7SW	0.680
110	483	36	FW	LX4-D7FW	0.680
220	1922	144	MW	LX4-D7MW	0.680