

Control circuit voltage $U_c$ V	Average resistance at 20 °C ± 10 % $\Omega$	Inductance of closed circuit H	Reference (1)	Weight kg
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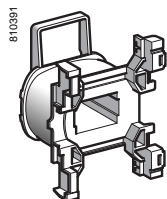
For 3-pole  $\sim$  contactors LC1-D09...D38 and LC1-DT20...DT60

### Specifications

Average consumption at 20 °C:

- inrush ( $\cos \varphi = 0.75$ ) 70 VA,
- sealed ( $\cos \varphi = 0.3$ ) 50 Hz: 7 VA, 60 Hz: 7.5 VA.

Operating range ( $\theta \leq 60$  °C): 50 Hz: 0.8...1.1  $U_c$ , 60 Hz: 0.85...1.1  $U_c$ .

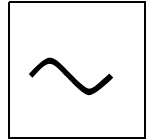


LXD-100

50/60 Hz				
12	6.3	0.26	LXD-1J7	0.070
21 (2)	5.6	0.24	LXD-1Z7	0.070
24	6.19	0.26	LXD-1B7	0.070
32	12.3	0.48	LXD-1C7	0.070
36	–	–	LXD-1CC7	0.070
42	19.15	0.77	LXD-1D7	0.070
48	25	1	LXD-1E7	0.070
60	–	–	LXD-1EE7	0.070
100	–	–	LXD-1K7	0.070
110	130	5.5	LXD-1F7	0.070
115	–	–	LXD-1FE7	0.070
120	159	6.7	LXD-1G7	0.070
127	192.5	7.5	LXD-1FC7	0.070
200	–	–	LXD-1L7	0.070
208	417	16	LXD-1LL7	0.070
220	539	22	LXD-1M7	0.070
230	595	21	LXD-1P7	0.070
240	645	25	LXD-1U7	0.070
277	781	30	LXD-1W7	0.070
380	1580	60	LXD-1Q7	0.070
400	1810	64	LXD-1V7	0.070
415	1938	74	LXD-1N7	0.070
440	2242	79	LXD-1R7	0.070
480	2300	85	LXD-1T7	0.070
575	3432	119	LXD-1SC7	0.070
600	3600	135	LXD-1X7	0.070
690	5600	190	LXD-1Y7	0.070

(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.



Control circuit voltage Uc	Average resistance at 20 °C $\pm 10\%$	Inductance of closed circuit	Reference (1)	Average resistance at 20 °C $\pm 10\%$	Inductance of closed circuit	Reference (1)	Weight
V	$\Omega$	H		$\Omega$	H		kg

### For 3 or 4-pole $\sim$ contactors LC1-D40, D50, D65, D80, D95

#### Specifications

Average consumption at 20 °C:  
 - inrush ( $\cos \varphi = 0.75$ ) 50 Hz: 200 VA, 60 Hz: 220 VA,  
 - sealed ( $\cos \varphi = 0.3$ ) 50 Hz: 20 VA, 60 Hz: 22 VA.  
 Operating range ( $\theta \leq 55\text{ °C}$ ): 0.85...1.1 Uc.

	50 Hz			60 Hz			
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
115	31	1.9	LX1-D6FE5	—	—	—	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 ( $\cos \varphi = 0.75$ ) 50/60 Hz: 245 VA at 50 Hz,  
 - sealed ( $\cos \varphi = 0.3$ ) 50/60 Hz: 26 VA at 50 Hz.  
 Operating range ( $\theta \leq 55\text{ °C}$ ): 0.85...1.1 Uc.

	50/60 Hz			
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-D6F7 0.280
115	—	—	—	— — LX1-D6FE7 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

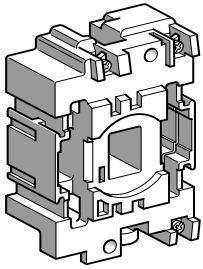
(1) The last 2 digits of the reference represent the voltage code.

(2) For use on 230 V 50 Hz, apply a coefficient of 0.6 to the mechanical durability of the contactor (see pages 2/34 and 2/35). 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 on 240 V only at 60 Hz.

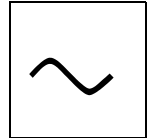
(4) For use on 400 V 50 Hz, apply a coefficient of 0.6 to the mechanical durability of the contactor (see pages 2/34 and 2/35).

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LX1-D6●●

## TeSys contactors

a.c. coils  
for 3 or 4-pole contactors LC1-D

Control circuit voltage $U_c$	Average resistance at 20 °C $\pm 10\%$	Inductance of closed circuit H	Reference (1)	Average resistance at 20 °C $\pm 10\%$	Inductance of closed circuit H	Reference (1)	Weight kg
V	$\Omega$	H		$\Omega$	H		

For 3 or 4-pole  $\sim$  contactors LC1-D115, D150

## Specifications

Average consumption at 20 °C:  
 - inrush ( $\cos \phi = 0.8$ ) - 50 or 60 Hz: 300 VA,  
 - sealed ( $\cos \phi = 0.3$ ) - 50 or 60 Hz: 22 VA.  
 Operating range ( $\theta \leq 55$  °C): 0.85...1.1  $U_c$ .

	50 Hz			60 Hz			
24	1.24	0.09	LX1-D8B5	0.87	0.07	LX1-D8B6	0.260
32	2.14	0.17	LX1-D8C5	–	–	–	0.260
42	3.91	0.28	LX1-D8D5	–	–	–	0.260
48	4.51	0.36	LX1-D8E5	3.91	0.28	LX1-D8E6	0.260
110	26.53	2.00	LX1-D8F5	19.97	1.45	LX1-D8F6	0.260
115	26.53	2.00	LX1-D8FE5	–	–	–	0.260
120	–	–	–	24.02	1.70	LX1-D8G6	0.260
127	32.75	2.44	LX1-D8FC5	–	–	–	0.260
208	–	–	–	67.92	5.06	LX1-D8L6	0.260
220	104.77	7.65	LX1-D8M5	79.61	5.69	LX1-D8M6	0.260
230	104.77	8.29	LX1-D8P5	–	–	–	0.260
240	125.25	8.89	LX1-D8U5	97.04	6.75	LX1-D8U6	0.260
277	–	–	–	125.75	8.89	LX1-D8W6	0.260
380	338.51	22.26	LX1-D8Q5	243.07	17.04	LX1-D8Q6	0.260
400	368.43	25.55	LX1-D8V5	–	–	–	0.260
415	368.43	27.65	LX1-D8N5	–	–	–	0.260
440	441.56	30.34	LX1-D8R5	338.51	22.26	LX1-D8R6	0.260
480	–	–	–	368.43	25.55	LX1-D8T6	0.260
500	566.62	38.12	LX1-D8S5	–	–	–	0.260

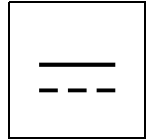
For 3 or 4-pole  $\sim$  contactors LC1-D115, D150

## Specifications

Average consumption at 20 °C:  
 - inrush:  $\cos \phi = 0.9$  - 280 to 350 VA,  
 - sealed:  $\cos \phi = 0.9$  - 2 to 18 VA.  
 Operating range ( $\theta \leq 55$  °C): 0.8...1.15  $U_c$ .  
 Coils with integral suppression device fitted as standard, class B.

	50/60 Hz						
24	–	–	–	147	3.03	LX1-D8B7	0.290
32	–	–	–	301	8.28	LX1-D8C7	0.290
42	–	–	–	498	13.32	LX1-D8D7	0.290
48	–	–	–	1061	24.19	LX1-D8E7	0.290
110	–	–	–	4377	109.69	LX1-D8F7	0.290
115	–	–	–	4377	109.69	LX1-D8FE7	0.290
120	–	–	–	4377	109.69	LX1-D8G7	0.290
127	–	–	–	6586	152.65	LX1-D8FC7	0.290
208	–	–	–	10 895	260.15	LX1-D8LE7	0.290
220	–	–	–	9895	210.72	LX1-D8M7	0.290
230	–	–	–	9895	210.72	LX1-D8P7	0.290
240	–	–	–	9895	210.72	LX1-D8U7	0.290
277	–	–	–	21 988	533.17	LX1-D8UE7	0.290
380	–	–	–	21 011	482.42	LX1-D8Q7	0.290
400	–	–	–	21 011	482.42	LX1-D8V7	0.290
415	–	–	–	21 011	482.42	LX1-D8N7	0.290
440	–	–	–	21 501	507.47	LX1-D8R7	0.290
480	–	–	–	32 249	938.41	LX1-D8T7	0.290
500	–	–	–	32 249	938.41	LX1-D8S7	0.290

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



Control circuit voltage $U_c$ V	Average resistance at 20 °C $\pm 10\%$ $\Omega$	Inductance of closed circuit H	Reference (1)	Weight kg
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For 3-pole contactors LC1-D40...D65 or 4-pole contactors LP1-D65

#### Specifications

Average consumption: 22 W.  
Operating range: 0.85...1.1  $U_c$ .

12	7.1	0.44	LX4-D6JD	0.415
24	26.8	1.69	LX4-D6BD	0.415
36	58	3.55	LX4-D6CD	0.415
48	109	6.86	LX4-D6ED	0.415
60	173	10.9	LX4-D6ND	0.415
72	234	14.7	LX4-D6SD	0.415
110	560	35.28	LX4-D6FD	0.415
125	717	45.2	LX4-D6GD	0.415
220	2255	142	LX4-D6MD	0.415
250	2940	185	LX4-D6UD	0.415
440	9080	572	LX4-D6RD	0.415

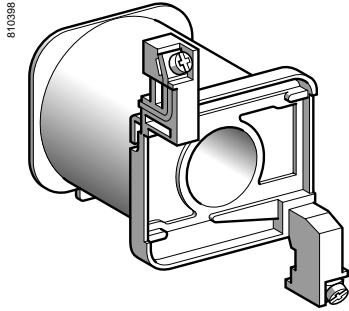
For 3-pole contactors LC1-D80 or 4-pole contactors LP1-D80

#### Specifications

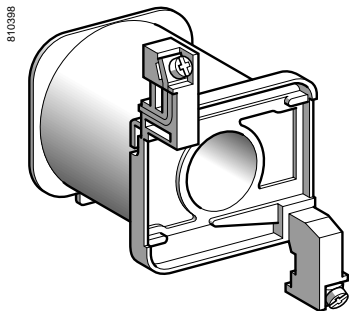
Average consumption: 22 W.  
Operating range: 0.85...1.1  $U_c$ .

12	6.6	0.46	LX4-D7JD	0.680
24	27	1.89	LX4-D7BD	0.680
36	57	4	LX4-D7CD	0.680
48	107	7.5	LX4-D7ED	0.680
60	170	11.9	LX4-D7ND	0.680
72	230	16.1	LX4-D7SD	0.680
110	564	39.5	LX4-D7FD	0.680
125	718	50.3	LX4-D7GD	0.680
220	2215	155	LX4-D7MD	0.680
250	2850	200	LX4-D7UD	0.680
440	9195	640	LX4-D7RD	0.680

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



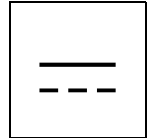
LX4-D6●●



LX4-D7●●

# TeSys contactors

d.c. coils  
for 3 or 4-pole contactors



Control circuit voltage Uc V	Average resistance at 20 °C ± 10 % Ω	Inductance of closed circuit H	Reference (1)	Weight kg
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For 3 or 4-pole contactors LC1-D115, D150

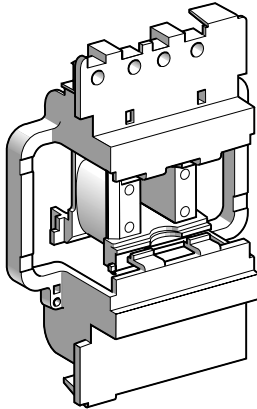
### Specifications

Consumption: inrush 270 to 365 W, sealed 2.4 to 5.1 W.  
Operating range: 0.7...1.2 Uc.  
Coils with integral suppression device fitted as standard, class B.

24	147	3.03	<b>LX4-D8BD</b>	0.300
48	1061	24.19	<b>LX4-D8ED</b>	0.300
60	1673	38.44	<b>LX4-D8ND</b>	0.300
72	2500	56.27	<b>LX4-D8SD</b>	0.300
110	4377	109.69	<b>LX4-D8FD</b>	0.300
125	6586	152.65	<b>LX4-D8GD</b>	0.300
220	9895	210.72	<b>LX4-D8MD</b>	0.300
250	18 022	345.40	<b>LX4-D8UD</b>	0.300
440	21 501	684.66	<b>LX4-D8RD</b>	0.300

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

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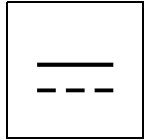
LX4-D8D

## TeSys contactors

Wide range d.c. coils

(for specific applications)

for 3 or 4-pole contactors



Control circuit voltage Uc	Average resistance at 20 °C $\pm 10\%$	Inductance of closed circuit	Reference (1)	Weight
V	$\Omega$	H		kg

For 3-pole contactors LC1-D40...D65 or 4-pole contactors LP1-D65

## Specifications

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

12	6.8	0.45	<u>LX4-D6JW</u>	0.415
24	30	1.9	<u>LX4-D6BW</u>	0.415
36	53	3.5	<u>LX4-D6CW</u>	0.415
48	110	7.2	<u>LX4-D6EW</u>	0.415
72	215	14.2	<u>LX4-D6SW</u>	0.415
110	580	38.3	<u>LX4-D6FW</u>	0.415
220	2120	140	<u>LX4-D6MW</u>	0.415

For 3-pole contactors LC1-D80 or 4-pole contactors LP1-D80

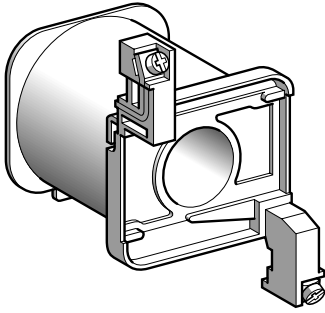
## Specifications

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

12	6.2	0.49	<u>LX4-D7JW</u>	0.680
24	23.5	1.75	<u>LX4-D7BW</u>	0.680
36	51.9	4.18	<u>LX4-D7CW</u>	0.680
48	94.2	7	<u>LX4-D7EW</u>	0.680
72	204	15.7	<u>LX4-D7SW</u>	0.680
110	483	36	<u>LX4-D7FW</u>	0.680
220	1922	144	<u>LX4-D7MW</u>	0.680

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

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LX4-D6●●