



AC coils for ~ contactors LC1D09...D38 and LC1DT20...DT40

Specifications

Average consumption at 20 °C:

■ inrush ($\cos \phi = 0.75$) 70 VA,

■ sealed ($\cos \phi = 0.3$) 50 Hz: 7 VA, 60 Hz: 7.5 VA.

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

Control circuit voltage Uc	Average resistance at 20 °C ± 10 %	Inductance of closed circuit	Reference ⁽¹⁾
V	Ω	H	
			50/60 Hz
12	1.33	0.05	LXD1J7
24	5.37	0.22	LXD1B7
32	10.1	0.39	LXD1C7
42	17	0.67	LXD1D7
48	21.7	0.87	LXD1E7
110	138.3	4.6	LXD1F7
115	129.8	5	LXD1FE7
120	150.6	5.4	LXD1G7
200	410.7	15	LXD1L7
208	430.4	16	LXD1LE7
220	574.7	18	LXD1M7 ⁽²⁾
230	600.6	20	LXD1P7
240	627	22	LXD1U7
277	800.7	29	LXD1W7
380	1551	55	LXD1Q7 ⁽³⁾
400	1633	60	LXD1V7
415	1694	65	LXD1N7
440	1993	73	LXD1R7
480	2398	87	LXD1T7
500	2499	95	LXD1S7
575	3294	125	LXD1SC7
600	3810	136	LXD1X7
660	4656	165	LXD1YC7
690	5020	180	LXD1Y7

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

⁽²⁾ Suitable for use on 230 V / 50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see pages B8/86 and B8/88).

⁽³⁾ Suitable for use on 400 V / 50 Hz. In this case, apply a coefficient of 0.6 to the mechanical durability of the contactor (see pages B8/86 and B8/88).