

Coils for a.c., 40...400 Hz control voltage

Low sealed consumption.

Operate on networks with harmonic numbers ≤ 7 .

Control circuit voltage U_c	Average resistance at 20 °C ± 10 %		Inductance of closed circuit H	Voltage code	Reference	Weight kg
	Inrush	Sealed				
V	Ω	Ω	H			kg
For contactor LC1F500						
48	1.9	33.5	0.19	E7	LX1FK048	1.150
110/120	9.55	260	1.25	F7	LX1FK110	1.150
115	9.55	260	1.25	FE7	LX1FK110	1.150
120/127	11.5	315	1.5	G7	LX1FK127	1.150
200/208	29	735	3.75	L7	LX1FK200	1.150
220	35.5	915	4.55	M7	LX1FK220	1.150
230	35.5	915	4.55	P7	LX1FK220	1.150
240	44.5	1160	5.75	U7	LX1FK240	1.150
265/277	56.5	1490	7.3	W7	LX1FK280	1.150
380	112	2980	14.7	Q7	LX1FK380	1.150
400	112	2980	14.7	V7	LX1FK380	1.150
415	143	3730	18.4	N7	LX1FK415	1.150
440	143	3730	18.4	R7	LX1FK415	1.150
500	172	4590	22.8	S7	LX1FK500	1.150
550/600	232	5660	23.9	X7	LX1FK600	1.150
1000	679	16960	72	—	LX1FK1000	1.150

Specifications

Average consumption at 20 °C for 50 or 60 Hz, $\cos \varphi = 0.9$:

■ inrush: 1050...1150 VA,

■ sealed: 16...20 VA.

Operating cycles/hour ($\theta \leq 55$ °C): ≤ 2400 .

Heat dissipation: 18 W.

Operating time at U_c : closing = 40...75 ms, opening = 100...170 ms.

For contactors LC1F630 and LC1F1250						
48	1.1	17.1	0.09	E7	LX1FL048 ⁽¹⁾	1.500
110/120	6.45	165	1.85	F7	LX1FL110	1.500
115	6.45	165	1.85	FE7	LX1FL110	1.500
127	8.1	205	1.05	G7	LX1FL127	1.500
200/208	20.5	605	2.65	L7	LX1FL200	1.500
220	25.5	730	3.35	M7	LX1FL220	1.500
230	25.5	730	3.35	P7	LX1FL220	1.500
240	25.5	730	3.35	U7	LX1FL220	1.500
265/277	31	900	4.1	W7	LX1FL260	1.500
380	78	2360	10.5	Q7	LX1FL380	1.500
400	78	2360	10.5	V7	LX1FL380	1.500
415	96	2960	13	N7	LX1FL415	1.500
440	96	2960	13	R7	LX1FL415	1.500
500	120	3660	16.5	S7	LX1FL500	1.500
550/600	155	4560	19.5	X7	LX1FL600	1.500
1000	474	12880	56.2	—	LX1FL1000 ⁽¹⁾	1.500

⁽¹⁾ Incompatible with LC1F1250.

Specifications

Average consumption at 20 °C for 50 or 60 Hz, $\cos \varphi = 0.9$:

■ inrush: 1500...1730 VA,

■ sealed: 20...25 VA.

Operating cycles/hour ($\theta \leq 55$ °C): 1200.

Heat dissipation: 20 W.

Operating time at U_c : closing = 40...80 ms, opening = 100...200 ms.

LX1FK●●●



LX1FL●●●