

2- and 4-Pole Contactors with AC and DC Coils



LCF1 F1154

Maximum Current Inductive AC3 Amperes	Resistive AC1 Amperes	Power Poles		Auxiliary Contacts Built In		AC Control		DC Control	
		N.O.	N.C.	N.O.	N.C.	Catalog Number▲	Price	Catalog Number▲	Price
12	25	4	0	0	0	LC1D12004●●●	\$ 115.	LP1D12004●●●	\$ 140.
		2	2	0	0	LC1D12008●●●	115.	LP1D12008●●●	149.
25	40	4	0	0	0	LC1D25004●●●	186.	LP1D25004●●●	232.
		2	2	0	0	LC1D25008●●●	186.	LP1D25008●●●	232.
40	60	4	0	0	0	LC1D40004●●●	286.	LP1D40004●●●	341.
		2	2	0	0	LC1D40008●●●	286.	LP1D40008●●●	341.
65	80	4	0	0	0	LC1D65004●●●	431.	LP1D65004●●●	486.
		2	2	0	0	LC1D65008●●●	431.	LP1D65008●●●	486.
80	110	4	0	0	0	LC1D80004●●●	472.	LP1D80004●●●	526.
		2	2	0	0	LC1D80008●●●	472.	LP1D80008●●●	526.
115	170	4	0	0	0	LC1D115004●●●	609.	LC1D115004●●●	609.
		4	0	1*	0	LC1F1154●	609.	LC1F1154●	609.
150	200	4	0	1*	0	LC1F1504●	797.	LC1F1504●	797.
185	200	4	0	1*	0	LC1F1854●	1390.	LC1F1854●	1390.
265	285	4	0	1*	0	LC1F2654●	1590.	LC1F2654●	1590.
330	360	4	0	1*	0	LC1F3304●	1784.	LC1F3304●	1784.
400	420	2	0	1*	0	LC1F4002●	1470.	LC1F4002●	1470.
400	420	4	0	1*	0	LC1F4004●	2061.	LC1F4004●	2061.
500	700	2	0	1*	0	LC1F5002●	4178.	LC1F5002●	4178.
500	700	4	0	1*	0	LCF5004●	5427.	LC1F5004●	5427.
630	1000	2	0	1*	0	LC1F6302●	5717.	LC1F6302●	5717.
630	1000	4	0	1*	0	LC1F6304●	7326.	LC1F6304●	7326.
780	1350	4	0	0	0	LC1F7804●	9604.	LC1F7804●	9604.

\* This one normally open circuit contact is incorporated in the design of the standard coil.  
▲ Contactor catalog number to be completed by the code corresponding to the coil voltages.  
■ Contactor supplied with touch safe cable clamps. For ring terminal configuration add "6" before control voltage suffix.

● AC Coil voltages for LC1 D09 to D80 and LC1D115 to D150

Volts AC	24	48	110	120	127	208	220	240	277	380	415	440	480	575	600	660
50 Hz	B5	E5	F5	-	G5	-	M5	U5	-	Q5	N5	R5	-	-	-	Y5
60 Hz	B6	E6	F6	G6	-	L6	M6	U6	W6	Q6	-	R6	T6	S6	X6	-
50/60 Hz	B7	E7	F7	-	-	-	M7	U7	-	Q7	N7	R7	-	-	-	-

D115/D150 coils include surge suppression.

● DC Coil voltages for LP1 D09 to D80 and LC1D115 to D150

Volts DC	12	24	36	48	60	72	110	125	220	250	440	-	-	-	-	-
Coil code	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD	-	-	-	-	-

D115/D150 coils include surge suppression.

● AC Coil voltages for LC1 F115 to F780

Contactors	Hz	24V	48V	110V	120V	125V	208V	220V	240V	250V	380V	415V	440V	480V	600V
F115, F150	50Hz	B5	E5	F5	-	-	-	M5	U5	-	Q5	-	-	-	-
F185	60 Hz	B6	E6	F6	G6	-	L6	M6	U6	-	Q6	N5	-	O5	SC
F265, F330	50/60 Hz	B7	E7	F7	G7	-	L7	M7	U7	-	Q7	Q7	-	S7	X7
F400-F780	50/60 Hz	-	E7	F7	F7	-	L7	M7	U7	-	Q7	N7	-	N7	X7

● DC Coil voltages for LC1 F115 to F780

F115-F330	-	BD	ED	FD	-	F5	-	MD	-	UD	-	-	RD	-	-
F400-F780	-	-	ED	FD	-	F5	-	MD	-	UD	-	-	RD	-	-

Application Note: If contactor dropout time is critical, see Page 15-17, or 15-19 before selecting a coil code suffix for LC1 F265 through F780.  
♦ 600 volt coil not available for F780

Lugs

Contactors Type LC1	Lug Kit Catalog Number	Qty Required		AL/CU Cable Size	Price
		2 pole	4 pole		
F115	DZ2FF1	4	8	14 to 2/0	\$ 6.30
F150, F185	DZ2FG1	4	8	6 to 3/0	10.60
F265, F330	DZ2FH1	4	8	6 to 300 MCM	10.60
F400	DZ2FJ1	4	8	4 to 500 MCM	10.60
F500	DZ2FK1	4	8	2 x 2 to 600 MCM	21.10
F630	DZ2 FL ■	■	N/A	3 x 2 to 600 MCM	26.40
F780	DZ2FX1	4	8	4 x 1/0 to 750 MCM	26.40

Lugs for LC1F contactors and overload relays must be ordered separately. Each kit consists of one (1) lug. Mounting hardware (screws, washers, nuts) are provided with the contactors, not the lugs.

■ For 2 pole F630 contactors, order 2 DZ2FL1 (L1 and T2), and 2 DZ2FL3 (L2 and T1). For four pole F630 Order 2 DZ2FL1 (L1 and T4), 4 DZ2FL2 (L2, T2, L3, T3) and 2 DZ2FL3 (L4 and T1).

Dimensions .....	Pages 15-26 – 15-33
Overload Relays .....	Pages 15-20 – 15-21
Accessories .....	Pages 15-7 – 15-15
Replacement Coils .....	Pages 15-16 – 15-19

For additional information about D-Line, reference catalog number 8502CT9704 or D-Fax™ number 1614, 1709, 1714, 1736, 2275, 2276, 2277.  
For additional information about F-Line, reference catalog number 8502CT9702 or D-Fax™ number 1615, 1684, 1686, 1688.

