

3- and 4-Pole Reversing Contactors

AC or DC Operating Coil

Telemecanique

FOR CURRENT INFORMATION

3-Pole Mechanically Interlocked Contactors

Each device is pre-wired with line and load side power wiring for reversing applications.



LC2D0901G6

Maximum Horsepower Ratings						Maximum Current		Built In Auxiliary Contacts (per contactor)		AC Control		DC Control	
Single Phase		Three Phase				Inductive	Resistive			Catalog Number ■ ♦	Price	Catalog Number ■ ♦	Price
115V	230V	200V	230V	460V	575V	AC3	AC1						
HP	HP	HP	HP	HP	HP	Amperes	Amperes	N.O.	N.C.				
0.5	1	2	2	5	7.5	9	20	0	1	LC2D0901●●	\$ 226.	LP2D0901●●	\$306.
								1	2*	LC2D0911●●	239.		
1	2	3	3	7.5	10	12	25	0	1	LC2D1201●●	306.	LP2D1201●●	356.
								1	2*	LC2D1211●●	320.		
1	3	5	5	10	15	18	35	0	1	LC2D1801●●	332.	LP2D1801●●	386.
								1	2*	LC2D1811●●	348.		
2	3	7.5	7.5	15	20	25	40	0	1	LC2D2501●●	361.	LP2D2501●●	421.
								1	2*	LC2D2511●●	375.		
2	5	10	10	20	30	32	50	0	1	LC2D3201●●	401.	LP2D3201●●	486.
								1	2*	LC2D3211●●	415.		
3	5	10	10	30	30	40	60	1	1	LC2D4011●●	546.		
3	7.5	15	15	40	40	50	70	1	1	LC2D5011●●	576.		
5	10	20	20	50	50	65	80	1	1	LC2D6511●●	752.		
7.5	15	30	30	60	60	80	110	1	1	LC2D8011●●	1113.		
—	—	30	40	75	100	115	175	0	0	LC2D11500●●	1126.	LC2D11500●●	1126.
—	—	40	50	100	125	150	200	0	0	LC2D15000●●	12544.	LC2D15000●●	1544.

* These two normally closed contacts are incorporated in the design of the mechanical interlock.

♦ Contactors supplied with touch safe cable clamps. For ring terminal configuration, add "6" before coil voltage suffix.

4-Pole Mechanically Interlocked Contactors

Each device is pre-wired with load side power wiring.

Maximum Horsepower Ratings						Maximum Current		Built In Auxiliary Contacts (per contactors)		AC Control		DC Control	
Single Phase		Three Phase				Inductive	Resistive			Catalog Number ■	Price	Catalog Number ■	Price
115V	230V	200V	230V	460V	575V	AC3	AC1						
HP	HP	HP	HP	HP	HP	Amperes	Amperes	N.O.	N.C.				
1	2	3	3	7.5	10	12	25	0	0	LC2D12004●●	\$ 306.	LP2D12004●●	\$356.
2	3	7.5	7.5	15	20	25	40	0	0	LC2D25004●●	441.	LP2D25004●●	461.
3	5	10	10	30	30	40	60	0	0	LC2D40004●●	696.	-	-
5	10	20	20	50	50	65	80	0	0	LC2D65004●●	1315.	-	-
7.5	15	25	30	60	60	80	110	0	0	LC2D80004●●	1358.	-	-
—	—	30	40	75	100	115	175	0	0	LC2D11500●●♦	1344.	LC2D11500●●♦	1344.

If electrical interlocking is required, a separate auxiliary contact block with a N.C. contact will have to be added to each contactor.

♦ Contactors supplied with touch safe cable clamps. For ring terminal configuration, add "6" before coil voltage suffix.

●● AC Coil voltages for LC2 D09 to D80 and LC2D115 to D150 ▲

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

●● DC Coil voltages for LP2 D09 to D32 and LC2D115 to D150 ▲

Volts DC	12	24	48	72	110	125	220	250
Coil Code	JD	BD	ED	SD	FD	GD	MD	UD

■ Contactor catalog number to be completed by the code corresponding to the coil voltage.

▲ D115/D150 coils include surge suppression.

Selection Guide for IEC-style Contactors and Starters

Technical Information: Product Approvals

Existing and Pending Approval of Automation System Components (except control and signalling units)

Standard Version X: Approved O: Approval pending Special Version +: Approved Ø: Approval pending	Approvals						Marine Classification Authorities								Quality Labels			
																		
	ASE	CSA	DEMKO	FI	NEMKO	UL	BV	DNV	GL	LROS	NKK	RINA	RRS	KEMA	NF	ÖVE	SEMKO	
	Switzer land	Canada	Denmark	Finland	Norway	U.S.A.	France	Norway	Germany	Great Britain	Japan	Italy	CIS	Nether lands	France	Austria	Sweden	
																		
AK5		X			X		X		X		X							
ATP		O					X											
ATS23		X					X											
ATV16, ATV66		X					X											
CA2D	X	X	X	X	X		X	X	X				X				X	
CA2KN	X	X	X				X	O	O	O	O		O	O			X	
CA3D	X	X	X		X		X	X	X				X				X	
CA3KN	X	X					X	O	O	O	O		O	O			X	
CA4D	X	X		X			X	X					X				X	
CA4KN	X	X	X				X	O	O	O	O		O	O			X	
CCX 17		O					X		O									
DF6																X		
DK1								X					X					
FTX 417		O					X											
FTX 117		O					O											
GB2CB	X	X			X	X											X	
GB2CD					X	X												
GC1■			X		X									X	X	X	X	
GC3					X										X			
GD2					X													
GV2M■		X	X		X		X	X	X	X	X			X		O	X	
GV2P		X					X											
GV3		X					X				X					X		
GV7R		X					X	O	O	O	O		O					
GY1■					X											X	X	
GY3					X											X		
LA1D	X	X	X		X		X	X	X	O	O		X	X			X	
LA1KN		X	X				X	O	O	O	O		O	O			X	
LA1LB		X			X		X	O	X	O	O		X				X	
LA1LC		X	X	X	X		X	X	X	X	X	X	X	X				
LA2D, LA3D		X	X		X		X	X	X	O	X		X	X			X	
LA2K, LA4K		X					X	O	O	O	O		O	O				
LA4D	X	X					X	X		O	O		X	X				
LA8D	X	X		X	X		X	X		O	O		X	X				
LB•LB	X	X	X	X	X		X	O	X	O	O		X	O		X	X	
LB•LC		X	X		X		X	X	X	X	X	X	X	X				
LB•LD	X	X		X			X	X	X	X		X	X	X				
LC1B								X										
LC1D	X	X	X	X	X		X	X	X	O	O		X	X			X	
LC2D	X	X					X	X	X	O	O		X	X				

■ Products approved under the CEBEC quality label (Belgium).

K-line Mini-contactors, D-line Contactors, and Enclosed Starters

Coil Selection

NOTE: Voltage codes in bold face are typical control voltages and generally in stock. Contact your local Square D Field Sales Office for delivery information on all other voltages.

Contactors LC1K, LC2K (0.8 to 1.15 Vc)

Volts AC 50/60 Hz	12	20	24 ▲	36	42	48	110	120	127	200/208	220/230 ◆	230	230/240 ◆	256	277	380/400 ◆	400	400/415 ◆	440	480	500	575	600	660/690 ◆
Voltage Code	J7	Z7	B7	C7	D7	E7	F7	G7	FC7	L7	M7	P7	U7	W7	UE7	Q7	V7	N7	R7	T7	S7	SC7	X7	Y7

Up to and including 240 V, coil with integral suppression device available: add 2 to the code required. Example: J72.

- ▲ When connecting an electronic sensor or timer in series with the coil of the control relay, select a 20 V coil (AC control circuit voltage code Z7, DC control circuit voltage code ZD) so as to compensate for the incurred voltage drop.
- ◆ 0.85 to 1.1 Vc.

Contactors LC7K, LC8K (0.85 to 1.1 Vc)

Volts AC 50/60 Hz	24	42	48	110	220	230/240
Voltage Code	B7	D7	E7	F7	M7	U7

Contactors LP1K, LP2K (0.8 to 1.15 Vc)

Volts DC	12	20	24 ▲	36	48	60	72	100	110	125	155	174	200	220	230	240	250
Voltage Code	JD	ZD	BD	CD	ED	ND	SD	KD	FD	GD	PD	QD	LD	MD	MPD	MUD	UD

Coil with integral suppression device available: add 3 to the code required. Example: JD3.

- ▲ When connecting an electronic sensor or timer in series with the coil of the control relay, select a 20 V coil (AC control circuit voltage code Z7, DC control circuit voltage code ZD) so as to compensate for the incurred voltage drop.

Contactors LC1D, LC2D

Volts AC	24	42	48	110	115	120	127	208	220	230	240	277	380	400	415	440	480	500	575	600	660
LC1D09 to LC1D115																					
50 Hz	B5	D5	E5	F5	FE7	—	G5 ●	—	M5	P5	U5	—	Q5	V5	N5	R5	—	S5	—	X5	Y5 ■
60 Hz	B6	D6	E6	F6	—	G6	—	L6	M6	—	U6	W6	Q6	—	—	R6	T6	—	S6 ■	X6 ■	—
LC1D09 to LC1D150 (coils LC1D115 and LC1D150 with built-in surge suppression)																					
50/60 Hz	B7	D7	E7	F7	FE7	G7	FC7	L7 ★	M7	P7	U7	UE7 ★	Q7	V7	N7	R7	T7 ★	S7	—	—	—

Note: For other voltages from 24 to 660 Vac, see pages 119 to 122.

- Not available on LC1D115.
- ★ For D115 and D150 only.
- For LC1D115 use FC5.

Contactors LP1D, LP2D

Operating Range Volts DC	12	24	36	48	60	72	110	125	220	250	440
LP1D09 to LP1D32											
0.8 to 1.1 V	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
0.7 to 1.25 V	JW	BW	CW	EW	—	SW	FW	—	MW	—	—
LP1D40 to LP1D80											
0.85 to 1.1 V	JD	BD	CD	ED	ND	SD	FD	GD	MD	UD	RD
0.75 to 1.2 V	JW	BW	CW	EW	—	SW	FW	—	MW	—	—
LC1D115 and LP1D150 (coils with built-in surge suppression)											
0.7 to 1.2 V	—	BD	—	ED	ND	SD	FD	GD	MD	UD	RD

Note: For other voltages from 12 to 440 Vdc, see pages 123 to 125.