

TeSys™ D Catalog Number Interpretation

Table 18.21: TeSys D Contactors—Interpretation of the Catalog Number ^[36]

LC		D		
Full Voltage, Non-Reversing	1			
Full Voltage, Reversing	2			
TeSys D 3 Pole Contactors, 9–150 A				
Contactor AC-3 Full Load Amperes (FLA)				
9 A FLA		09		
12 A FLA		12		
18 A FLA		18		
25 A FLA		25		
32 A FLA		32		
38 A FLA		38		
40 A FLA		40		
50 A FLA		50		
65 A FLA		65		
80 A FLA		80		
95 A FLA		95		
115 A FLA		115		
150 A FLA		150		
Everlink Power Connection				
With Everlink Power Connection (40–65 A only)		A		
No Everlink Power Connection (9–38 A, 80–150 A)		Blank		
Termination Options (choose one)				
Screw Termination		Blank		
Spring Terminations [37]		3		
Ring Tongue Terminations [38]		6		
Slip-on Terminations (9–12 A only)		9		
Coil Voltage (choose one)				
AC Coils (50/60 Hz)		DC Low Consumption Coils 9–38 A only		
Voltage	Coil Code	Voltage	Coil Code	
12 V	J7	5 V	AL	
21 V	Z7	12 V	JL	
24 V	B7	21 V	ZL	
36 V	C7	24 V	BL	
42 V	D7	48 V	EL	
48 V	E7	72 V	SL	
60 V	EE7	96 V	DL	
100 V	K7	110 V	FL	
110 V	F7	220 V	ML	
115 V	FE7	250 V	UL	
120 V	G7	DC Electronic Low Consumption Coils 40–65 A Everlink only		
127 V	FC7			
200 V	L7	Voltage	Coil Code	
208 V	LE7	24 V	BBE	
220 V	M7	AC/DC Electronic Coils 9–38 A, 40–65 A Everlink only		
230 V	P7			
240 V	U7	Voltage	Coil Code	
277 V	W7	24–60 V	BNE	
380 V	Q7	48–130 V	EHE	
400 V	V7	100–250 V	KUE	
415 V	N7	250–415 Vac	USE[39]	
440 V	R7	250–500 Vdc		
480 V	T7	DC Coils (Standard)		
500 V	S7			
575 V	SC7			
600 V	X7			
660 V	Y5			
(50 Hz only)				

^[36] Use this table **only** to interpret current catalog numbers. Some combinations are not available.

^[37] For spring terminal versions of LC1D09–LC1D65A, add **3** to the catalog number prior to adding the voltage code (for example, LC1D12G7 becomes LC1D123G7, and LC1D40AG7 becomes LC1D40A3G7. Note that 40–65 A spring terminals are only on the control terminations and not on power terminations).

^[38] For ring tongue versions of LC1D09–LC1D65A and LC1DT20–LC1DT80A, add **6** to the catalog number prior to adding the voltage code (for example, LC1D09G7 becomes LC1D096G7, and LC1D50AG7 becomes LC1D50A6G7).

^[39] Available in 2018.

TeSys™ D Non-Reversing Contactors



LC1D09



LC1D093



LC1D40A



LC1D115



LRD22



LRD3

Table 18.22: TeSys D Contactors—3 or 4 Pole, Screw Terminal Connections

Maximum Horsepower Ratings						Maximum Current (A)		Continuous Current Rating (A)	No. of Poles		Instantaneous Auxiliary Contacts		Catalog Number ^[40]	
Single-Phase		Three-Phase				Inductive AC3	Resistive AC1		N.O.	N.C.	N.O.	N.C.		
115 V	230 V	200 V	230 V	460 V	575 V									
1/3	1	2	2	5	7.5	9	20	25	3	0	1	1	LC1D09 ^{[41][42][43]}	
—	—	—	—	—	—	—			4				—	LC1DT20 ^[41]
—	—	—	—	—	—	—			2				2	LC1D098 ^[41]
1/2	2	3	3	7.5	10	12	25	25	3	0	1	1	LC1D12 ^{[41][42][43]}	
—	—	—	—	—	—	—			4				—	LC1DT25 ^[41]
—	—	—	—	—	—	—			2				2	LC1D128 ^[41]
1	3	5	5	10	15	18	32	32	3	0	1	1	LC1D18 ^{[41][42]}	
—	—	—	—	—	—	—			4				—	LC1DT32 ^[41]
—	—	—	—	—	—	—			2				2	LC1D188 ^[41]
2	3	7.5	7.5	15	20	25	40	40	3	0	1	1	LC1D25 ^{[41][41]}	
—	—	—	—	—	—	—			4				—	LC1DT40 ^[41]
—	—	—	—	—	—	—			2				2	LC1D258 ^[41]
2	5	10	10	20	25	32	50	50	3	0	1	1	LC1D32 ^{[41][42]}	
2	5	10	10	20	25	38			3	0	1	1	LC1D38 ^{[41][42]}	
3	5	10	10	30	30	40	60	60	3	0	1	1	LC1D40A ^[41]	
—	—	—	—	—	—	—			4		—	0	0	0
3	7.5	15	15	40	40	50	80	70	3	0	1	1	LC1D50A ^[41]	
5	10	20	20	40	50	65			3				—	LC1D65A ^[41]
—	—	—	—	—	—	—	125	80	4	0	0	0	LC1DT80A ^[41]	
7.5	15	25	30	60	60	80			3	0	1	1	LC1D80	
—	—	—	—	—	—	—	4	—	LC1D80004 ^[44]					
—	—	—	—	—	—	—	2	2	0		0	LC1D80008 ^[44]		
7.5	15	25	30	60	60	95	200	110	3	0	1	1	LC1D95	
—	—	30	40	75	100	115			3	0	1	1	LC1D115	
—	—	40	50	100	125	150	3	—	LC1D150					
—	—	—	—	—	—	—	4	—	0		0	LC1D115004		

Table 18.23: TeSys D Coil Voltage Codes [45]

Contactor	Hz	24 V	48 V	110 V	120 V	125 V	208 V	220 V	240 V	250 V	440 V	480 V	600 V
AC													
D09–D150	50/60	B7	E7	F7	G7	—	LE7	M7	U7	—	—	T7 [46]	X7 [46]
LC1D80–LC1D150	50	B5	E5	F5	—	—	—	M5 [46]	U5	—	—	—	—
	60	B6	E6	F6	G6	—	L6	M6	U6	—	—	T6	X6 [46]
DC													
D09–D38, DT20–D258 Low Consumption	—	BL	EL	FL	—	—	—	ML	—	UL	—	—	—
D09–D150	—	BD	ED	FD	—	GD	—	MD	—	UD	RD	—	—

[40] Complete the catalog number by adding the coil voltage code from Table 18.23 for example, LC1D09G7.

[41] For ring tongue versions of LC1D09–LC1D65A and LC1DT20–LC1DT80A, add 6 to the catalog number prior to adding the voltage code (for example, LC1D09G7 becomes LC1D096G7 and LC1D50AG7 becomes LC1D50A6G7).

[42] For spring terminals versions of LC1D09–LC1D65A, add 3 to the catalog number prior to adding the voltage code (for example, LC1D12G7 becomes LC1D123G7 and LC1D40AG7 becomes LC1D40A3G7. Note that 40–65 A spring terminals are only on the control terminations and not on power terminations).

[43] For slip-on connector versions of LC1D09 and LC1D12 only, add 9 to the catalog number prior to adding the voltage code (for example, LC1D09G7 becomes LC1D099G7).

[44] For DC version of these devices, replace the C with a P (for example, LC1D80004** becomes LP1D80004**). This applies only to 80 A, 4-pole devices.

[45] For additional voltage codes refer to the Control and Protection Components Catalog **MKTED210011EN**.

[46] Not available for LC1D80–LC1D150.