

**TeSys™ D Catalog Number Interpretation**

**Table 18.21: TeSys D Contactors—Interpretation of the Catalog Number<sup>[36]</sup>**

LC	D				
Full Voltage, Non-Reversing	1				
Full Voltage, Reversing	2				
<b>TeSys D 3 Pole Contactors, 9–150 A</b>					
<b>Contactor AC-3 Full Load Amperes (FLA)</b>					
		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		
<b>Everlink Power Connection (40–65 A only)</b>				A	
<b>No Everlink Power Connection (9–38 A, 80–150 A)</b>				Blank	
<b>Termination Options (choose one)</b>					
		Screw Termination		Blank	
		Spring Terminations <sup>[37]</sup>		3	
		Ring Tongue Terminations <sup>[38]</sup>		6	
		Slip-on Terminations (9–12 A only)		9	
<b>Coil Voltage (choose one)</b>					
<b>AC Coils (50/60 Hz)</b>		<b>DC Coils (standard)</b>		<b>DC Coils low consumption available for 9–38 A only</b>	
<b>Voltage</b>	<b>Coil Code</b>	<b>Voltage</b>	<b>Coil Code</b>	<b>Voltage</b>	
12 V	J7	12 V	JD	5 V	AL
21 V	Z7	21 V	ZD	12 V	JL
24 V	B7	24 V	BD	21 V	ZL
36 V	C7	36 V	CD	24 V	BL
42 V	D7	48 V	ED	48 V	EL
48 V	E7	60 V	ND	72 V	SL
60 V	EE7	72 V	SD	96 V	DL
100 V	K7	110 V	FD	110 V	FL
110 V	F7	125 V	GD	220 V	ML
115 V	FE7	220 V	MD	250 V	UL
120 V	G7	250 V	UD		
127 V	FC7	440 V	RD		
200 V	L7				
208 V	LE7				
220 V	M7				
230 V	P7				
240 V	U7				
277 V	W7				
380 V	Q7				
400 V	V7				
415 V	N7				
440 V	R7				
480 V	T7				
500 V	S7				
575 V	SC7				
600 V	X7				
660 V	Y5 (50 Hz only)				

<sup>[36]</sup> Use this table **only** to interpret current catalog numbers. Some combinations are not available.  
<sup>[37]</sup> 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).  
<sup>[38]</sup> 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).

TeSys™ D Non-Reversing Contactors



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

Maximum Horsepower Ratings						Maximum Current Utilization Categories		Continuous Current Rating (A)	No. of Poles		Instantaneous Auxiliary Contacts		Catalog Number [39]
Single-Phase		Three-Phase				Inductive AC3 (A)	Resistive AC1 (A)		N.O.	N.C.	N.O.	N.C.	
115 V hp	230 V hp	200 V hp	230 V hp	460 V hp	575 V hp								
1/3	1	2	2	5	7.5	9	20	25	3	0	1	1	LC1D09 [40][41][42]
—	—	—	—	—	—	—			4				LC1DT20 [40]
—	—	—	—	—	—	—	25	25	2	0	1	1	LC1D098 [40]
1/2	2	3	3	7.5	10	12			3				LC1D12 [40][41][42]
—	—	—	—	—	—	—	32	32	4	0	1	1	LC1DT25 [40]
—	—	—	—	—	—	—			2				LC1D128 [40]
1	3	5	5	10	15	18	40	40	3	0	1	1	LC1D18 [40][41]
—	—	—	—	—	—	—			4				LC1DT32 [40]
—	—	—	—	—	—	—	50	50	2	2	—	—	LC1D188 [40]
2	3	7.5	7.5	15	20	25			3				LC1D25 [40][40]
—	—	—	—	—	—	—	60	60	4	0	1	1	LC1D40 [40]
—	—	—	—	—	—	—			2				LC1D258 [40]
2	5	10	10	20	25	32	80	80	3	0	1	1	LC1D32 [40][41]
2	5	10	10	20	25	38			3				LC1D38 [40][41]
3	5	10	10	30	30	40	125	110	4	0	0	0	LC1D40A [40]
—	—	—	—	—	—	—			3				LC1D60A [40]
3	7.5	15	15	40	40	50	200	160	4	0	1	1	LC1D50A [40]
—	—	—	—	—	—	—			3				LC1D65A [40]
5	10	20	20	40	50	65	200	160	4	0	0	0	LC1D80 [40]
—	—	—	—	—	—	—			3				LC1D80004 [43]
7.5	15	25	30	60	60	80	200	160	2	2	0	0	LC1D80008 [43]
—	—	—	—	—	—	—			3				LC1D95
—	—	—	—	—	—	—	200	160	3	0	1	1	LC1D115
—	—	—	—	—	—	—			3				LC1D150
—	—	—	—	—	—	—	—	—	4	0	0	0	LC1D115004

Table 18.23: TeSys D Coil Voltage Codes [44]

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 [45]	X7 [45]
LC1D80–LC1D150	50	B5	E5	F5	—	—	—	M5 [45]	U5	—	—	—	—
	60	B6	E6	F6	G6	—	L6	M6	U6	—	—	T6	X6 [45]
DC													
D09–D38, DT20–D258 Low Consumption	—	BL	EL	FL	—	—	—	ML	—	UL	—	—	—
D09–D150	—	BD	ED	FD	—	GD	—	MD	—	UD	RD	—	—

[39] Complete the catalog number by adding the coil voltage code from Table 18.23 TeSys D Coil Voltage Codes, page 18-8 for example, LC1D09G7.  
 [40] 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).  
 [41] 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).  
 [42] 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).  
 [43] 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.  
 [44] For additional voltage codes refer to the Control and Protection Components Catalog MKTED210011EN.  
 [45] Not available for LC1D80–LC1D150.