

TeSys Control

Deca Advanced Contactors

Product references

TeSys Deca Advanced 3-pole contactors - For motor control (9 to 150 A)



Motor ratings (kW) $\theta \leq 60^\circ\text{C}$												Reference ^{(1) (2)}				
IEC												3-pole				
AC-3						AC-3e										
230 V	400 V	415 V	440 V	500 V	690 V	230 V	400 V	415 V	440 V	500 V	690 V	24 V DC ⁽³⁾	24...60 V ⁽³⁾	48...130 V	100...250 V	200...500 V
kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW					
2.2	4	4	4	5.5	5.5	2.2	4	4	4	5.5	5.5		LC1D09BNE	LC1D09EHE	LC1D09KUE	
3	5.5	5.5	5.5	7.5	7.5	3	5.5	5.5	5.5	7.5	7.5		LC1D12BNE	LC1D12EHE	LC1D12KUE	
4	7.5	9	9	10	10	4	7.5	9	9	10	10		LC1D18BNE	LC1D18EHE	LC1D18KUE	
5.5	11	11	11	15	15	5.5	11	11	11	15	15		LC1D25BNE	LC1D25EHE	LC1D25KUE	
7.5	15	15	15	18.5	18.5	7.5	15	15	15	18.5	18.5		LC1D32BNE	LC1D32EHE	LC1D32KUE	
9	18.5	18.5	18.5	18.5	18.5	9	18.5	18.5	18.5	18.5	18.5		LC1D38BNE	LC1D38EHE	LC1D38KUE	
11	18.5	22	22	22	30	11	18.5	22	22	22	30	LC1D40A(6)BBE	LC1D40A(6)BNE	LC1D40A(6)EHE	LC1D40A(6)KUE	
15	22	25	30	30	33	15	22	25	30	30	33	LC1D50A(6)BBE	LC1D50A(6)BNE	LC1D50A(6)EHE	LC1D50A(6)KUE	
18.5	30	37	37	37	37	18.5	30	37	37	37	37	LC1D65A(6)BBE	LC1D65A(6)BNE	LC1D65A(6)EHE	LC1D65A(6)KUE	
22	37	37	37	37	37	22	37	37	37	37	37	LC1D80A(6)BBE	LC1D80A(6)BNE	LC1D80A(6)EHE	LC1D80A(6)KUE	
30	55	59	59	75	80	30	55	59	59	75	80		LC1D115A(6)BNE	LC1D115A(6)EHE	LC1D115A(6)KUE	LC1D115A(6)LSE
40	75	80	90	90	100	40	75	80	90	90	100		LC1D150A(6)BNE	LC1D150A(6)EHE	LC1D150A(6)KUE	LC1D150A(6)LSE

Motor ratings (kW) $\theta \leq 60^\circ\text{C}$							Motor ratings (HP)				Reference ^{(1) (2)}				
IEC							UL - 3phase				3-pole				
AC-4															
230 V	400 V	415 V	440 V	500 V	690 V	200/208 V	230/240 V	460/480 V	575/600 V		24 V DC ⁽³⁾	24...60 V ⁽³⁾	48...130 V	100...250 V	200...500 V
kW	kW	kW	kW	kW	kW	Hp	Hp	Hp	Hp						
2.2	4	4	4	5.5	5.5	2	2	5	7.5			LC1D09BNE	LC1D09EHE	LC1D09KUE	
3	5.5	5.5	5.5	7.5	7.5	3	3	7.5	10			LC1D12BNE	LC1D12EHE	LC1D12KUE	
4	7.5	9	9	10	10	5	5	10	15			LC1D18BNE	LC1D18EHE	LC1D18KUE	
5.5	11	11	11	15	15	7.5	7.5	15	20			LC1D25BNE	LC1D25EHE	LC1D25KUE	
7.5	15	15	15	18.5	18.5	10	10	20	25			LC1D32BNE	LC1D32EHE	LC1D32KUE	
9	18.5	18.5	18.5	18.5	18.5	10	10	20	25			LC1D38BNE	LC1D38EHE	LC1D38KUE	
11	18.5	22	22	22	30	10	10	30	30	LC1D40A(6)BBE	LC1D40A(6)BNE	LC1D40A(6)EHE	LC1D40A(6)KUE		
15	22	25	30	30	33	15	15	40	40	LC1D50A(6)BBE	LC1D50A(6)BNE	LC1D50A(6)EHE	LC1D50A(6)KUE		
18.5	30	37	37	37	37	20	20	40	50	LC1D65A(6)BBE	LC1D65A(6)BNE	LC1D65A(6)EHE	LC1D65A(6)KUE		
22	37	37	37	37	37	20	20	40	50	LC1D80A(6)BBE	LC1D80A(6)BNE	LC1D80A(6)EHE	LC1D80A(6)KUE		
30	55	55	55	63	65	30	40	75	100		LC1D115A(6)BNE	LC1D115A(6)EHE	LC1D115A(6)KUE	LC1D115A(6)LSE	
37	75	75	75	75	80	40	50	100	125		LC1D150A(6)BNE	LC1D150A(6)EHE	LC1D150A(6)KUE	LC1D150A(6)LSE	

- (1) For screw terminal type, no need of "6" in the commercial reference. For lug terminal type, add "6" in the commercial reference, before the coil code.
For example, [LC1D40ABBE](#) is for screw terminal, [LC1D40A6BBE](#) is for lug type terminal. For reverser contactors LC2D, please see pages B8/24 to B8/27.
- (2) For the highest ratings, LC1D115A & LC1D150A, please note a slight contactor width difference between the screw terminal and the lug terminal type (97 mm versus 99 mm between the 3-pole types and 132 mm versus 134 mm between the 4-pole types).
No assembly width difference (contactor + 2 auxiliary blocks) when using left and right side-mounted auxiliary blocks.
For more details, please refer to page B8/104.
- (3) LC1D40A...D80ABBE & LC1D09...D38BNE for PLC direct control.

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Product references

TeSys Deca Advanced 3-pole and 4-pole contactors - For load control (non-motor, 25 to 200 A)



Maximum current (A) ($\theta \leq 60^\circ\text{C}$)	General purpose continuous current (A)	Reference ^{(1) (2)}									
		3-pole					4-pole				
IEC	UL	24 V DC ⁽³⁾	24...60 V ⁽³⁾	48...130 V	100...250 V	200...500 V	24 V DC ⁽³⁾	24...60 V ⁽³⁾	48...130 V	100...250 V	200...500 V
AC-1											
25	25		LC1D09BNE	LC1D09EHE	LC1D09KUE						
25	25		LC1D12BNE	LC1D12EHE	LC1D12KUE						
32	32		LC1D18BNE	LC1D18EHE	LC1D18KUE						
40	40		LC1D25BNE	LC1D25EHE	LC1D25KUE						
50	50		LC1D32BNE	LC1D32EHE	LC1D32KUE						
50	50		LC1D38BNE	LC1D38EHE	LC1D38KUE						
60	60	LC1D40A(6)BBE	LC1D40A(6)BNE	LC1D40A(6)EHE	LC1D40A(6)KUE		LC1DT60A(6)BBE	LC1DT60A(6)BNE	LC1DT60A(6)EHE	LC1DT60A(6)KUE	
80	70	LC1D50A(6)BBE	LC1D50A(6)BNE	LC1D50A(6)EHE	LC1D50A(6)KUE						
80	80	LC1D65A(6)BBE	LC1D65A(6)BNE	LC1D65A(6)EHE	LC1D65A(6)KUE						
80	80	LC1D80A(6)BBE	LC1D80A(6)BNE	LC1D80A(6)EHE	LC1D80A(6)KUE		LC1DT80A(6)BBE	LC1DT80A(6)BNE	LC1DT80A(6)EHE	LC1DT80A(6)KUE	
200	160		LC1D115A(6)BNE	LC1D115A(6)EHE	LC1D115A(6)KUE	LC1D115A(6)JLSE		LC1DT200A(6)BNE	LC1DT200A(6)EHE	LC1DT200A(6)KUE	LC1DT200A(6)JLSE
200	160		LC1D150A(6)BNE	LC1D150A(6)EHE	LC1D150A(6)KUE	LC1D150A(6)JLSE					

- (1) For screw terminal type, no need of "6" in the commercial reference. For lug terminal type, add "6" in the commercial reference, before the coil code.
For example, [LC1D40ABBE](#) is for screw terminal, [LC1D40A6BBE](#) is for lug type terminal. For reverser contactors LC2D, please see pages B8/24 to B8/27.
- (2) For the highest ratings, LC1D115A & LC1D150A, please note a slight contactor width difference between the screw terminal and the lug terminal type (97 mm versus 99 mm between the 3-pole types and 132 mm versus 134 mm between the 4-pole types).
No assembly width difference (contactor + 2 auxiliary blocks) when using left and right side-mounted auxiliary blocks.
For more details, please refer to page B8/104.
- (3) [LC1D40A...D80ABBE](#) & [LC1DT60A...DT80ABBE](#) & [LC1D09...D38BNE](#) for PLC direct control.