

LC1D09



Features:

- Classic and durable, stable operation.
- Strong universality, easy to replace.
- Easy installation and good scalability.

TeSys Deca Contactors - 3 or 4 Pole, Screw Terminal Connections									
Maximum Horsepower Ratings						MaximumCurrent (A)		UL General Purpose (A)	Catalog Number
Single-Phase		Three-Phase				Inductive AC3	Resistive AC1		
115V	230V	200V	230V	460V	575V				
1/3	1	2	2	5	7.5	9	20	25	LC1D09**
/	/	/	/	/	/	/			LC1DT20**
/	/	/	/	/	/	/			LC1D098**
1/2	2	3	3	7.5	10	12	25	25	LC1D12**
/	/	/	/	/	/	/			LC1DT25**
/	/	/	/	/	/	/			LC1D128**
1	3	5	5	10	15	18	32	32	LC1D18**
/	/	/	/	/	/	/			LC1DT32**
/	/	/	/	/	/	/			LC1D188**
2	3	7.5	7.5	15	20	25	40	40	LC1D25**
/	/	/	/	/	/	/			LC1DT40**
/	/	/	/	/	/	/			LC1D258**
2	5	10	10	20	25	32	50	50	LC1D32**
2	5	10	10	20	25	38			LC1D38**
3	5	10	10	30	30	40			LC1D40A**
/	/	/	/	/	/	/	60	60	LC1DT60A**
3	7.5	15	15	40	40	50			LC1D50A**
5	10	20	20	40	50	65			LC1D65A**
/	/	/	/	/	/	/	80	80	LC1D80A**
7.5	15	25	30	60	60	80			LC1D80**
/	/	/	/	/	/	/			LC1D80004**
/	/	/	/	/	/	/	125	110	LC1D80008**
7.5	15	25	30	60	60	95			LC1D95**
/	/	30	40	75	100	115			LC1D115A**
/	/	40	50	100	125	150	200	160	LC1D150A**
/	/	/	/	/	/	/			LC1DT200A**

TeSys Deca Coil Voltage Codes				
Contactors	D09-D38	D40A-D65A	D80-D95	230/240
AC 50/60 Hz				
24V	B7	B7	B7	/
110V	F7	F7	F7	/
120V	G7	G7	G7	/
240V	U7	U7	U7	/
480V	T7	T7	T7	/
AC/DC				
24-60V	BNE	BNE	/	BNE
48-130V	EHE	EHE	/	EHE
100-250V	KUE	KUE	/	KUE
200-500V	/	/	/	LSE
DC				
24	BL	BBE	BD	/

Definite Purpose Ratings, 3-Phase, Breaking All Lines, 100,000 Cycles				
Device	FLA	LRA		
		240V	480V	600V
LC1D09 (AC coil only)	9	54	45	36
LC1D12 (AC coil only)	12	72	60	48
LC1D18 (AC coil only)	18	108	90	72
LC1D25 (AC coil only)	25	150	125	100
LC1D32 (AC coil only)	32	192	160	128
LC1D40A	40	240	200	160
LC1D50A	50	300	250	200
LC1D65A	65	390	325	260
LC1D80	75	450	375	300
LC1D115	115	690	575	460
LC1D150	150	900	750	600

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TeSys Deca Overload Relays-Ambient Compensated, Bimetallic, Direct Mounting					
Current Setting Range (A)	For Direct Mounting to LC1D/LC2D...	Class 10 with Single-Phase Sensitivity	Class 10 without Single-Phase Sensitivity	Class 20 with Single-Phase Sensitivity	Class 20 without Single-Phase Sensitivity
0.10-0.16	D09-D38	LRD01	LR3D01	/	/
0.16-0.25		LRD02	LR3D02	/	/
0.25-0.40		LRD03	LR3D03	/	/
0.40-0.63		LRD04	LR3D04	/	/
0.63-1		LRD05	LR3D05	/	/
1-1.6		LRD06	LR3D06	LRD05L	/
1.6-2.5		LRD07	LR3D07	LRD06L	LR3D07L
2.5-4		LRD08	LR3D08	LRD07L	LR3D08L
4-6		LRD10	LR3D10	LRD08L	LR3D10L
5.5-8		LRD12	LR3D12	LRD10L	LR3D12L
7-10		LRD14	LR3D14	LRD12L	LR3D14L
9-13	D12-D38	LRD16	LR3D16	LRD14L	LR3D21L
12-18	D18-D38	LRD21	LR3D21	LRD16L	LR3D21L
16-24	D25-D38	LRD22	LR3D22	LRD21L	/
17-24	D25-D38	/	/	LRD22L	LR3D22L
23-32	D25-D38	LRD32	LR3D32	LRD32L	LR3D32L
30-38	D32-D38	LRD35	LR3D35	LRD313L	/
9-13	D40A-D65A	LRD313	LR3D313	LRD318L	/
12-18	D40A-D65A	LRD318	LR3D318	LRD325L	/
17-25	D40A-D65A	LRD325	LR3D325	LRD332L	/
23-32	D40A-D65A	LRD332	LR3D332	LRD340L	/
30-40	D40A-D65A	LRD340	LR3D340	LRD350L	/
37-50	D40A-D65A	LRD350	LR3D350	LRD365L	/
48-65	D40A-D65A	LRD365	LR3D365	LRD3522	/
17-25	D40-D95	LRD3322	LR3D3322	LRD3553	R3D3522
23-32	D40-D95	LRD3353	LR3D3353	LRD3555	R3D3553
30-40	D40-D95	LRD3355	LR3D3355	LRD3557	LR3D3555
37-50	D50-D95	LRD3357	LR3D3357	LRD3559	LR3D3557
48-65	D50-D95	LRD3359	LR3D3359	LRD3561	R3D3559
55-70	D65-D95	LRD3361	LR3D3361	R2D3563	R3D3561
63-80	D65-D95	LRD3363	LR3D3363	/	LR3D3563
80-104	D95	LRD3365	/	/	/
80-104	D115A-D150A	LRD4365	/	/	/
95-120	D115A-D150A	LRD4367	/	/	/
110-140	D150A	LRD4369	/	/	/

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Features:

- High-precision electronic protection.
- Four adjustable trip levels.
- Integrated compact design.

TeSys Deca Electronic Overload Relays 60 to 150 Amperes				
Current Setting Range (A)	For Direct Mounting Beneath Contactor LC1	Class 10	Class 20	Class 10/20 Selectable
60-100	D115A-D150A	LR9D5367	LR9D5567	LR9D67
90-150	D115A-D150A	LR9D5369	LR9D5569	LR9D69

TeSys Deca Electronic Overload Relays 01 to 32 Amperes		
Current Setting Range (A)	For Direct Mounting Beneath Contactor LC1D/LC2D	Class 5/10/20/30 Selectable
0.1-0.5	D09-D38	LR9D01
0.4-2	D09-D38	LR9D02
1.6-8	D09-D38	LR9D08
6.4-32	D09-D38	LR9D32

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Features:

- Integrated reversible design.
- 9A standard capacity.
- 24V AC coil.

TeSys Deca Mechanically-Interlocked Reversing Contactors										
Maximum Horsepower Ratings						Maximum Current (A)		UL General Purpose (A)	Type of Connection	
Single-Phase		Three-Phase				Inductive AC3	Resistive AC1			
115V	230V	200V	230V	460V	575V					
1/3	1	2	2	5	7.5	9	20	25	3	
1/2	2	3	3	7.5	10	12	25	25	3	
1	3	5	5	10	15	18	32	32	3	
2	3	7.5	7.5	15	20	25	40	40	3	
2	5	10	10	20	25	32	50	50	3	
2	5	10	10	20	25	38			3	
3	5	10	10	30	30	40	60	60	3	
3	7.5	15	15	40	40	50	80	70	3	
5	10	20	20	40	50	65		80	3	
7.5	15	25	25	60	60	80	125	110	3	
7.5	15	25	30	60	60	95			3	