

TeSys K Contactors

Catalog Number	Maximum Horsepower Ratings					Maximum Component SCCR (kA) ^[1]	
	Single-Phase		Three-Phase			Circuit Breakers @ 480 Vac ^[2]	Fuses @ 600 Vac ^[3]
	120 Vac	240 Vac	240 Vac	480 Vac	600 Vac		
LC1K06	0.5	1.5	1.5	3	3	65	100
LC1K09	0.5	1.5	3	5	5	65	100
LC1K12	0.5	1.5	3	7.5	10	65	100

TeSys D Contactors

Catalog Number	Maximum Horsepower Ratings					Maximum Component SCCR (kA) ^[1]	
	Single-Phase		Three-Phase			Circuit Breakers @ 480 Vac ^[2]	Fuses @ 600 Vac ^[3]
	120 Vac	240 Vac	240 Vac	480 Vac	600 Vac		
LC1D09	0.5	1	2	5	7.5	85	100
LC1D12	1	2	3	7.5	10	85	100
LC1D18	1	3	5	10	15	85	100
LC1D25	2	3	7.5	15	20	85	100
LC1D32	2	5	10	20	30	85	100
LC1D40A	3	5	10	30	30	100	100
LC1D50A	3	7.5	15	40	40	100	100
LC1D65A	5	10	20	40	50	100	100
LC1D80	7.5	15	30	60	60	100	100
LC1D115	—	—	40	75	100	100	100
LC1D150	—	—	50	100	125	100	100

TeSys K Overload Relays

Current Setting Range (A)	Class 10 with Single-Phase Sensitivity	Maximum Component SCCR ^[1]	
		Circuit Breakers @ 480 V ^[2]	Fuses @ 600 V ^[3]
		Max. SCCR (kA)	Max. SCCR (kA)
0.1 – 0.16	LR2K0301	65	100
0.16 – 0.23	LR2K0302	65	100
0.23 – 0.36	LR2K0303	65	100
0.36 – 0.54	LR2K0304	65	100
0.54 – 0.8	LR2K0305	65	100
0.8 – 1.2	LR2K0306	65	100
1.2 – 1.8	LR2K0307	65	100
1.8 – 2.6	LR2K0308	65	100
2.6 – 3.7	LR2K0310	65	100
3.8 – 5.5	LR2K0312	65	100
5.5 – 8	LR2K0314	65	100
8 – 11.5	LR2K0316	65	100



^[1] Ratings apply to circuits with voltage no greater than those listed and are subject to maximum breaker and fuse ampacities. See data bulletin 8536DB0901 for ampacity limitations.

^[2] When protected by any circuit breaker, including thermal-magnetic and magnetic-only.

^[3] When protected by any Class J or CC time-delay fuse (Class CC applicable up to 30 amps only).

Note: These tables list the maximum SCCR of the component when protected by any circuit breaker or fuse. If the maximum component SCCR is 65 kA and a 25 kA rated circuit breaker is used, then the system will be 25 kA as the circuit breaker becomes the weakest link.

TeSys D Overload Relays

Current Setting Range (A)	For Direct Mounting to LC1...	Class 10 with Single-Phase Sensitivity	Class 10 without Single-Phase Sensitivity	Class 20 with Single-Phase Sensitivity	Class 20 without Single-Phase Sensitivity	Maximum Component SCCR (kA) ^[1]	
						Circuit Breakers @ 480 V ^[2]	Fuses @ 600 V ^[3]
						Max. SCCR (kA)	Max. SCCR (kA)
0.10 – 0.16	D09 – D32	LRD01	LR3D01	—	—	65	100
0.16 – 0.25		LRD02	LR3D02	—	—	65	100
0.25 – 0.40		LRD03	LR3D03	—	—	65	100
0.40 – 0.63		LRD04	LR3D04	—	—	65	100
0.63 – 1		LRD05	LR3D05	—	—	65	100
1 – 1.6		LRD06	LR3D06	—	—	65	100
1.6 – 2.5		LRD07	LR3D07	—	—	65	100
2.5 – 4		LRD08	LR3D08	LRD1508	LR3D1508A	65	100
4 – 6		LRD10	LR3D10	LRD1510	LR3D1510A	65	100
5.5 – 8		LRD12	LR3D12	LRD1512	LR3D1512A	65	100
7 – 10		LRD14	LR3D14	LRD1514	LR3D1514A	65	100
9 – 13	D12 – D32	LRD16	LR3D16	LRD1516	LR3D1516A	65	100
12 – 18	D18 – D32	LRD21	LR3D21	LRD1521	LR3D1521A	65	100
16 – 24	D25 – D32	LRD22	LR3D22	—	—	65	100
17 – 25		—	—	LRD1522	LR3D1522A	65	100
23 – 32		LRD32	LR3D32	—	—	65	100
23 – 28		—	—	LRD1530	LR3D1530A	65	100
25 – 32		—	—	LRD1532	LR3D1532A	65	100
30 – 38	D32	LRD35	LR3D35	—	—	65	100
9 – 13	D40A – D65A ^[4]	LRD313	LR3D313	LRD313L	—	100	100
12 – 18		LRD318	LR3D318	LRD318L	—	100	100
16 – 25		LRD325	LR3D325	LRD325L	—	100	100
23 – 32		LRD332	LR3D332	LRD332L	—	100	100
30 – 40		LRD340	LR3D340	LRD340L	—	100	100
37 – 50		LRD350	LR3D350	LRD350L	—	100	100
48 – 65	D50A – D65A ^[4]	LRD365	LR3D365	LRD365L	—	100	100
17 – 25	D40 – D80 ^[5]	LRD3322	LR3D3322	LR2D3522	LR3D3522	100	100
23 – 32		LRD3353	LR3D3353	LR2D3553	LR3D3553	100	100
30 – 40		LRD3355	LR3D3355	LR2D3555	LR3D3555	100	100
37 – 50	D50 – D80 ^[5]	LRD3357	LR3D3357	LR2D3557	LR3D3557	100	100
48 – 65		LRD3359	LR3D3359	LR2D3559	LR3D3559	100	100
55 – 70	D65 – D80 ^[5]	LRD3361	LR3D3361	LR2D3561	LR3D3561	100	100
63 – 80		LRD3363	LR3D3363	LR2D3563	LR3D3563	100	100
80 – 104	D80	LRD3365	—	—	—	100	100
80 – 104	D115 – D150	LRD4365	—	—	—	100	100
95 – 120		LRD4367	—	—	—	—	100



^[1] Ratings apply to circuits with voltages no greater than those listed and are subject to maximum breaker and fuse ampacities. See data bulletin 8536DB0901 for ampacity limitations.

^[2] When protected by any circuit breaker, including thermal-magnetic and magnetic-only.

^[3] When protected by any Class J or CC time-delay fuse (Class CC applicable up to 30 A only).

^[4] Overload relays with Everlink termination — direct mount to D40A to D65A only.

^[5] Direct mount to old D2 style D40 to D65 (no Everlink terminations) and to D80 only.

Note: This table lists the maximum SCCR of the component when protected by any circuit breaker or fuse. If the maximum component SCCR is 100 kA and a 25 kA rated circuit breaker is used, then the system will be 25 kA as the circuit breaker becomes the weakest link.

TeSys D Overload Relays – Solid State



Current Setting Range (A)	For Direct Mounting to LC1...	Class 10	Class 20	Class 10 or 20 Selectable	Maximum Component SCCR ^[1]	
					Circuit Breakers @ 480 V ^[2]	Fuses @ 600 V ^[3]
					Max. SCCR (kA)	Max. SCCR (kA)
60 – 100	D115 – D150	LR9D5367	LR9D5567	LR9D67	100	100
90 – 150	D115 – D150	LR9D5369	LR9D5569	LR9D69	100	100



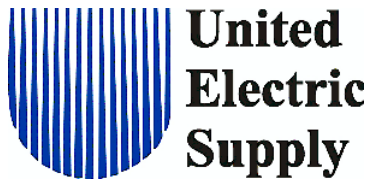
^[1] Ratings apply to circuits with voltages no greater than those listed and are subject to maximum breaker and fuse ampacities. See data bulletin 8536DB0901 for ampacity limitations.

^[2] When protected by any circuit breaker, including thermal-magnetic and magnetic-only.

^[3] When protected by any Class J time-delay fuse.

Note: This table lists the maximum SCCR of the component when protected by any circuit breaker or fuse. If the maximum component SCCR is 100 kA and a 25 kA rated circuit breaker is used, then the system will be 25 kA as the circuit breaker becomes the weakest link.

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