

TeSys™ D Overload Relays



TeSys D Overload Relay

Table 31: 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	Max. Component SCCR ¹			
						Circuit Breakers @ 480 V ²		Fuses @ 600 V ³	
						Max. Breaker Size (A)	Max. SCCR (kA)	Max. Fuse Size (A)	Max. SCCR (kA)
0.10–0.16	D09–D32	LRD01	LR3D01	—	—	15	65	10	100
0.16–0.25		LRD02	LR3D02	—	—	15	65	10	100
0.25–0.40		LRD03	LR3D03	—	—	15	65	10	100
0.40–0.63		LRD04	LR3D04	—	—	15	65	10	100
0.63–1		LRD05	LR3D05	—	—	15	65	10	100
1–1.6		LRD06	LR3D06	—	—	15	65	10	100
1.6–2.5		LRD07	LR3D07	—	—	15	65	10	100
2.5–4		LRD08	LR3D08	LRD1508	LR3D1508A1	15	65	15	100
4–6		LRD10	LR3D10	LRD1510	LR3D1510A1	15	65	20	100
5.5–8		LRD12	LR3D12	LRD1512	LR3D1512A1	15	65	30	100
7–10		LRD14	LR3D14	LRD1514	LR3D1514A1	20	65	40	100
9–13	D12–D32	LRD16	LR3D16	LRD1516	LR3D1516A1	25	65	50	100
12–18	D18–D32	LRD21	LR3D21	LRD1521	LR3D1521A1	35	65	60	100
16–24	D25–D32	LRD22	LR3D22	—	—	45	65	60	100
17–25		—	—	LRD1522	LR3D1522A1	45	65	100	100
23–32		LRD32	LR3D32	—	—	60	65	80	100
23–28		—	—	LRD1530	LR3D1530A1	60	65	100	100
25–32		—	—	LRD1532	LR3D1532A1	60	65	100	100
30–38	D32	LRD35	LR3D35	—	—	70	65	100	100
9–13	D40A–D65A ⁴	LRD313	LR3D313	LRD313L	—	25	100	30	100
12–18		LRD318	LR3D318	LRD318L	—	35	100	45	100
16–25		LRD325	LR3D325	LRD325L	—	45	100	60	100
23–32		LRD332	LR3D332	LRD332L	—	60	100	80	100
30–40		LRD340	LR3D340	LRD340L	—	70	100	100	100
37–50		LRD350	LR3D350	LRD350L	—	90	100	125	100
48–65	D50A–D65A ⁴	LRD365	LR3D365	LRD365L	—	125	100	200	100
17–25	D40–D80 ⁵	LRD3322	LR3D3322	LR2D3522	LR3D3522	45	100	60	100
23–32		LRD3353	LR3D3353	LR2D3553	LR3D3553	60	100	80	100
30–40		LRD3355	LR3D3355	LR2D3555	LR3D3555	70	100	90	100
37–50	D50–D80 ⁵	LRD3357	LR3D3357	LR2D3557	LR3D3557	90	100	125	100
48–65		LRD3359	LR3D3359	LR2D3559	LR3D3559	125	100	150	100
55–70	D65–D80 ⁵	LRD3361	LR3D3361	LR2D3561	LR3D3561	125	100	175	100
63–80		LRD3363	LR3D3363	LR2D3563	LR3D3563	150	100	200	100
80–104	D80	LRD3365	—	—	—	200	100	250	100
80–104	D115–D150	LRD4365	—	—	—	200	100	250	100
95–120		LRD4367	—	—	—	250	100	400	100

¹ Ratings apply to circuits with voltages no greater than those listed.

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 30A 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.