

Square D - TIME CURRENT DATA for Circuit Breakers 25, 65kA



Earth fault loop impedance (Z_s) for final circuits supplying fixed equipment, disconnection occurs within 5 seconds

For final circuits supplying socket outlets, disconnection occurs within 0.4 of a second.

Voltage V_{ac} = 230

Values of I^2t Let through Energy x 1000

*** For old FA range use 16 for 15A, 32 for 30A, 63 for 60A, 80 for 70A and 100A for 90A rated circuit breaker**

Item	Catalogue Number (also SFA)	Magnetic Trip Setting	Thermal Trip Setting *	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.01	0.4	0.6	1	2	3	5	10	20	40	60	100	200	500	1000	2000	5000	10000	230		Vac	5	10	25
				Disconnection Current (A)																	5s	0.4s		Ohms	I ² t (x1000)		
1	SFAL1016	Fixed	16	400	400	400	272	172	130	98	68	48	36	32	28	24	21.4	20.3	19.8	19.5	19	2.36	0.58	0.51	230	310	390
2	SFAL1020		20	400	400	400	400	220	169	122	84	60	45	40	35	30	27	25.4	24.8	24	24	1.89	0.58	0.41	380	470	580
3	SFAL1032		32	480	480	480	480	330	270	205	138	96	72	64	56	48	43	41	40	39	38	1.12	0.48	0.24	570	710	860
4	SFAL1040		40	600	600	600	600	412	338	256	173	120	90	80	70	60	54	51	50	49	48	0.90	0.38	0.20	660	800	1000
5	SFAL1050		50	600	600	600	600	485	422	320	216	150	113	100	88	75	67	64	62	61	60	0.72	0.38	0.16	660	800	1000
6	SFAL1063		63	1000	1000	1000	1000	670	532	403	272	189	142	126	110	95	84	80	78	77	76	0.57	0.23	0.12	730	910	1100
7	SFAL1080		80	1200	1200	1200	1200	830	675	512	346	240	180	160	140	120	107	102	99	98	96	0.45	0.19	0.10	730	910	1100
8	SFAL1100		100	1200	1200	1200	1200	1000	844	640	432	300	225	200	175	150	134	127	124	122	120	0.36	0.19	0.08	730	910	1100

Item	Catalogue Number (also SFA)	Magnetic Trip Setting	Thermal Trip Setting*	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.01	0.4	0.6	1	2	3	5	10	20	40	60	100	200	500	1000	2000	5000	10000	230		Vac	5	10	25
				Disconnection Current (A)																	5s	0.4s		Ohms	I ² t (x1000)		
1	SFAL3016	Fixed	16	400	400	400	272	172	130	98	68	48	36	32	28	24	21.4	20.3	19.8	19.5	19	2.36	0.58	0.51	230	310	390
2	SFAL3020		20	400	400	400	400	220	169	122	84	60	45	40	35	30	27	25.4	24.8	24	24	1.89	0.58	0.41	380	470	580
3	SFAL3032		32	480	480	480	480	330	270	205	138	96	72	64	56	48	43	41	40	39	38	1.12	0.48	0.24	570	710	860
4	SFAL3040		40	600	600	600	600	412	338	256	173	120	90	80	70	60	54	51	50	49	48	0.90	0.38	0.20	660	800	1000
5	SFAL3050		50	600	600	600	600	485	422	320	216	150	113	100	88	75	67	64	62	61	60	0.72	0.38	0.16	660	800	1000
6	SFAL3063		63	1000	1000	1000	1000	670	532	403	272	189	142	126	110	95	84	80	78	77	76	0.57	0.23	0.12	730	910	1100
7	SFAL3080		80	1200	1200	1200	1200	830	675	512	346	240	180	160	140	120	107	102	99	98	96	0.45	0.19	0.10	730	910	1100
8	SFAL3100		100	1200	1200	1200	1200	1000	844	640	432	300	225	200	175	150	134	127	124	122	120	0.36	0.19	0.08	730	910	1100
9	SFAL3125		125	1440	1440	1440	1440	1440	1100	813	540	375	281	250	219	188	168	159	155	153	150	0.28	0.16	0.06	800	1250	2000
10	SFAL3160		160	1440	1440	1440	1440	1440	1440	1040	691	480	360	320	280	240	214	203	198	195	192	0.22	0.16	0.05	800	1250	2000

Item	Catalogue Number (also SFH)	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.01	0.4	0.6	1	2	3	5	10	20	40	60	100	200	500	1000	2000	5000	10000	230		Vac	5	20	65
				Disconnection Current (A)																	5s	0.4s		Ohms	I ² t (x1000)		
1	SFHL3016	Fixed	16	400	400	400	272	172	130	98	68	48	36	32	28	24	21.4	20.3	19.8	19.5	19	2.36	0.58	0.51	170	260	310
2	SFHL3020		20	400	400	400	400	220	169	122	84	60	45	40	35	30	27	25.4	24.8	24	24	1.89	0.58	0.41	180	280	320
3	SFHL3032		32	480	480	480	480	330	270	205	138	96	72	64	56	48	43	41	40	39	38	1.12	0.48	0.24	200	310	440
4	SFHL3040		40	600	600	600	600	412	338	256	173	120	90	80	70	60	54	51	50	49	48	0.90	0.38	0.20	210	380	555
5	SFHL3050		50	600	600	600	600	485	422	320	216	150	113	100	88	75	67	64	62	61	60	0.72	0.38	0.16	210	380	555
6	SFHL3063		63	1000	1000	1000	1000	670	532	403	272	189	142	126	110	95	84	80	78	77	76	0.57	0.23	0.12	300	650	970
7	SFHL3080		80	1200	1200	1200	1200	830	675	512	346	240	180	160	140	120	107	102	99	98	96	0.45	0.19	0.10	300	650	970
8	SFHL3100		100	1200	1200	1200	1200	1000	844	640	432	300	225	200	175	150	134	127	124	122	120	0.36	0.19	0.08	300	650	970

Square D - TIME CURRENT DATA for Circuit Breakers 36, 50, 65kA

Earth fault loop impedance (Zs) for final circuits supplying fixed equipment, disconnection occurs within 5 seconds

For final circuits supplying socket outlets, disconnection occurs within 0.4 of a second.

Voltage Vac = 230

Values of I^2t Let through Energy x 1000

Item	Catalogue Number (also SKA)	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																		Zs ohm @		R2	Short Circuit level (kA)		
				0.015	0.4	1	2	3	5	10	20	30	40	60	100	200	500	1000	2000	5000	10000	230	Vac		5	20	36
				Disconnection Current (A)																		5s	0.4s		Ohms	I²t (x1000)	
1	SKAL3125	HIGH LOW	125 125	1250 625	1250 625	1250 625	1250 625	1250 625	1250 625	1250 625	1250 625	875 625	688 625	519 519	375 375	269 269	200 200	175 175	163 163	154 154	150 150	0.18 0.37	0.18 0.37	0.04 0.08	700	3700	6900
2	SKAL3160	HIGH LOW	160 160	1600 800	1600 800	1600 800	1600 800	1600 800	1600 800	1600 800	1600 800	1120 800	880 800	664 664	480 480	344 344	256 256	224 224	208 208	197 197	192 192	0.14 0.29	0.14 0.29	0.03 0.06	700	3700	6900
3	SKAL3175	HIGH LOW	175 175	1750 875	1750 875	1750 875	1750 875	1750 875	1750 875	1750 875	1750 875	1225 875	963 875	726 726	525 525	376 376	280 280	245 245	228 228	215 215	210 210	0.13 0.26	0.13 0.26	0.03 0.06	700	3700	6900
4	SKAL3200	HIGH LOW	200 200	2000 1000	2000 1000	2000 1000	2000 1000	2000 1000	2000 1000	2000 1000	2000 1000	1400 1000	1100 1000	830 830	600 600	430 430	320 320	280 280	260 260	246 246	240 240	0.12 0.23	0.12 0.23	0.03 0.05	700	3700	6900
5	SKAL3225	HIGH LOW	225 225	2250 1125	2250 1125	2250 1125	2250 1125	2250 1125	2250 1125	2250 1125	2250 1125	1575 1125	1238 1125	934 934	675 675	484 484	360 360	315 315	293 293	277 277	270 270	0.10 0.20	0.10 0.20	0.02 0.04	700	3700	6900
6	SKAL3250	HIGH LOW	250 250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	1750 1250	1375 1250	1038 1038	750 750	538 538	400 400	350 350	325 325	308 308	300 300	0.09 0.18	0.09 0.18	0.02 0.04	700	3700	6900

Item	Catalogue Number (also SKH)	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																		Zs ohm @		R2	Short Circuit level (kA)		
				0.015	1	3	5	6	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230	Vac		5	20	65
				Disconnection Current (A)																		5s	0.4s		Ohms	I ² t (x1000)	
1	SKHL3125	HIGH	125	1250	1250	1250	1250	1125	800	594	500	406	360	313	263	219	188	174	163	154	150	0.18	0.18	0.04	200	380	540
	& SKCL3125	LOW	125	625	625	625	625	625	625	594	500	406	360	313	263	219	188	174	163	154	150	0.37	0.37	0.08			
2	SKHL3160	HIGH	160	1600	1600	1600	1600	1440	1024	760	640	520	461	400	336	280	240	222	208	197	192	0.14	0.14	0.03	200	380	540
	& SKCL3160	LOW	160	800	800	800	800	800	800	760	640	520	461	400	336	280	240	222	208	197	192	0.29	0.29	0.06			
3	SKHL3175	HIGH	175	1750	1750	1750	1750	1575	1120	831	700	569	504	438	368	306	263	243	228	215	210	0.13	0.13	0.03	200	380	540
	& SKCL3175	LOW	175	875	875	875	875	875	875	831	700	569	504	438	368	306	263	243	228	215	210	0.26	0.26	0.06			
4	SKHL3200	HIGH	200	2000	2000	2000	2000	1800	1280	950	800	650	576	500	420	350	300	278	260	246	240	0.12	0.12	0.03	200	380	540
	& SKCL3200	LOW	200	1000	1000	1000	1000	1000	1000	950	800	650	576	500	420	350	300	278	260	246	240	0.23	0.23	0.05			
5	SKHL3225	HIGH	225	2250	2250	2250	2250	2025	1440	1069	900	731	648	563	473	394	338	313	293	277	270	0.10	0.10	0.02	200	380	540
	& SKCL3225	LOW	225	1125	1125	1125	1125	1125	1125	1069	900	731	648	563	473	394	338	313	293	277	270	0.20	0.20	0.04			
6	SKHL3250	HIGH	250	2500	2500	2500	2500	2500	1600	1188	1000	813	720	625	525	438	375	348	325	308	300	0.09	0.09	0.02	200	380	540
	& SKCL3250	LOW	250	1250	1250	1250	1250	1250	1250	1188	1000	813	720	625	525	438	375	348	325	308	300	0.18	0.18	0.04			

Square D - TIME CURRENT DATA for Circuit Breakers 36, 50, 65kA



Earth fault loop impedance (Z_s) for final circuits supplying fixed equipment, disconnection occurs within 5 seconds

For final circuits supplying socket outlets, disconnection occurs within 0.4 of a second.

Voltage V_{ac} = 230

Values of I^2t Let through Energy x 1000

Item	Catalogue Number (also SLA)	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.02	1	2	3	5	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230		Vac	5	20	36
				Disconnection Current (A)																	5s	0.4s		Ohms	I ² t (x1000)		
1	SLAL3250	HIGH LOW	250 250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	2500 1250	1850 1250	1500 1250	1250 1250	1000 1000	750 750	565 565	438 438	375 375	333 333	308 308	300 300	0.092 0.184	0.092 0.184	0.020 0.040	1800	10000	22000
2	SLAL3300	HIGH LOW	300 300	3000 1500	3000 1500	3000 1500	3000 1500	3000 1500	3000 1500	3000 1500	2220 1500	1800 1500	1500 1500	1200 1200	900 900	678 678	525 525	450 450	400 400	369 369	360 360	0.077 0.153	0.077 0.153	0.017 0.033	1800	10000	22000
3	SLAL3350	HIGH LOW	350 350	3500 1750	3500 1750	3500 1750	3500 1750	3500 1750	3500 1750	3500 1750	2590 1750	2100 1750	1750 1750	1400 1400	1050 1050	791 791	613 613	525 525	467 467	431 431	420 420	0.066 0.131	0.066 0.131	0.014 0.029	1800	10000	22000
4	SLAL3400	HIGH LOW	400 400	4000 2000	4000 2000	4000 2000	4000 2000	4000 2000	4000 2000	4000 2000	2960 2000	2400 2000	2000 2000	1600 1600	1200 1200	904 904	700 700	600 600	533 533	492 492	480 480	0.058 0.115	0.058 0.115	0.013 0.025	1800	10000	22000

Item	Catalogue Number (also SMA)	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.02	1	4	5	6	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230		Vac	20	30	50
				Disconnection Current (A)																	5s	0.4s		Ohms	I ² t (x1000)		
1	SMAL3300 & SMHL3300	HIGH LOW	300 300	3000 1500	3000 1500	3000 1500	3000 1500	3000 1500	2400 1500	2040 1500	1800 1500	1530 1500	1350 1350	1140 1140	900 900	700 700	525 525	450 450	400 400	369 369	360 360	0.077 0.153	0.077 0.153	0.017 0.033	8000	16000	41200
2	SMAL3350 & SMHL3350	HIGH LOW	350 350	3500 1750	3500 1750	3500 1750	3500 1750	3500 1750	2800 1750	2380 1750	2100 1750	1785 1750	1575 1575	1330 1330	1050 1050	817 817	613 613	525 525	467 467	431 431	420 420	0.066 0.131	0.066 0.131	0.014 0.029	8000	16000	41200
3	SMAL3400 & SMHL3400	HIGH LOW	400 400	4000 2000	4000 2000	4000 2000	4000 2000	4000 2000	3200 2000	2720 2000	2400 2000	2040 2000	1800 1800	1520 1520	1200 1200	933 933	700 700	600 600	533 533	492 492	480 480	0.058 0.115	0.058 0.115	0.013 0.025	8000	16000	41200
4	SMAL3450 & SMHL3450	HIGH LOW	450 450	4500 2250	4500 2250	4500 2250	4500 2250	4500 2250	3600 2250	3060 2250	2700 2250	2295 2250	2025 2025	1710 1710	1350 1350	1050 1050	788 788	675 675	600 600	554 554	540 540	0.051 0.102	0.051 0.102	0.011 0.022	8000	16000	41200
5	SMAL3500 & SMHL3500	HIGH LOW	500 500	5000 2500	5000 2500	5000 2500	5000 2500	5000 2500	4000 2500	3400 2500	3000 2500	2550 2500	2250 2250	1900 1900	1500 1500	1167 1167	875 875	750 750	667 667	615 615	600 600	0.046 0.092	0.046 0.092	0.010 0.020	8000	16000	41200
6	SMAL3630 & SMHL3630	HIGH LOW	630 630	6300 3150	6300 3150	6300 3150	6300 3150	6300 3150	5040 3150	4284 3150	3780 3150	3213 3150	2835 2835	2394 2394	1890 1890	1470 1470	1103 1103	945 945	840 840	775 775	756 756	0.037 0.073	0.037 0.073	0.008 0.016	8000	16000	41200
8	SMAL3700 & SMHL3700	HIGH LOW	700 700	7000 3500	7000 3500	7000 3500	7000 3500	7000 3500	5600 3500	4760 3500	4200 3500	3570 3500	3150 3150	2660 2660	2100 2100	1633 1633	1225 1225	1050 1050	933 933	861 861	840 840	0.033 0.066	0.033 0.066	0.007 0.014	8000	16000	41200
9	SMAL3800 & SMHL3800	HIGH LOW	800 800	8000 4000	8000 4000	8000 4000	8000 4000	8000 4000	6400 4000	5440 4000	4800 4000	4080 4000	3600 3600	3040 3040	2400 2400	1866 1866	1400 1400	1200 1200	1066 1066	984 984	960 960	0.029 0.058	0.029 0.058	0.006 0.013	8000	16000	41200
10	SMAL3900 & SMHL3900	HIGH LOW	900 900	9000 4500	9000 4500	9000 4500	9000 4500	9000 4500	7200 4500	6120 4500	5400 4500	4590 4500	4050 4050	3420 3420	2700 2700	2100 2100	1575 1575	1350 1350	1200 1200	1107 1107	1080 1080	0.026 0.051	0.026 0.051	0.006 0.011	8000	16000	41200
11	SMAL31000 & SMHL31000	HIGH LOW	1000 1000	10000 5000	10000 5000	10000 5000	10000 5000	10000 5000	8000 5000	6800 5000	6000 5000	5100 5000	4500 4500	3800 3800	3000 3000	2333 2333	1750 1750	1500 1500	1333 1333	1230 1230	1200 1200	0.023 0.046	0.023 0.046	0.005 0.010	8000	16000	41200

Square D - TIME CURRENT DATA for Circuit Breakers 50, 65, 100kA



Earth fault loop impedance (Zs) for final circuits supplying fixed equipment, disconnection occurs within 5 seconds

For final circuits supplying socket outlets, disconnection occurs within 0.4 of a second.

Voltage Vac = 230

Values of I^2t Let through Energy x 1000

Item	Catalogue Number	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.018	1	2	3	5	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230		Vac	15	65	100
				Disconnection Current (A)																	5s	0.4s	Ohms	I²t (x1000)			
1	LIL36300 & LCL36300	HIGH	300	3000	3000	3000	3000	3000	3000	2200	1870	1500	1320	1125	900	690	525	450	400	369	360	0.077	0.077	0.017	1200	2100	2400
		LOW	300	1500	1500	1500	1500	1500	1500	1500	1500	1500	1320	1125	900	690	525	450	400	369	360	0.153	0.153	0.033			
2	LIL36350 & LCL36350	HIGH	350	3500	3500	3500	3500	3500	3500	2567	2182	1750	1540	1313	1050	805	613	525	467	431	420	0.066	0.066	0.014	1200	2100	2400
		LOW	350	1750	1750	1750	1750	1750	1750	1750	1750	1750	1540	1313	1050	805	613	525	467	431	420	0.131	0.131	0.029			
3	LIL36400 & LCL36400	HIGH	400	4000	4000	4000	4000	4000	4000	2933	2493	2000	1760	1500	1200	920	700	600	533	492	480	0.058	0.058	0.013	1200	2100	2400
		LOW	400	2000	2000	2000	2000	2000	2000	2000	2000	2000	1760	1500	1200	920	700	600	533	492	480	0.115	0.115	0.025			
4	LIL36450 & LCL36450	HIGH	450	4500	4500	4500	4500	4500	4500	3300	2805	2250	1980	1688	1350	1035	788	675	600	554	540	0.051	0.051	0.011	1200	2100	2400
		LOW	450	2250	2250	2250	2250	2250	2250	2250	2250	2250	1980	1688	1350	1035	788	675	600	554	540	0.102	0.102	0.022			
5	LIL36500 & LCL36500	HIGH	500	5000	5000	5000	5000	5000	5000	3667	3117	2500	2200	1875	1500	1150	875	750	667	615	600	0.046	0.046	0.010	1200	2100	2400
		LOW	500	2500	2500	2500	2500	2500	2500	2500	2500	2500	2200	1875	1500	1150	875	750	667	615	600	0.092	0.092	0.020			
6	LIL36600 & LCL36600	HIGH	600	5400	5400	5400	5400	5400	5400	4400	3740	3000	2640	2250	1800	1380	1050	900	800	738	720	0.043	0.043	0.009	1200	2100	2400
		LOW	600	3000	3000	3000	3000	3000	3000	3000	3000	3000	2640	2250	1800	1380	1050	900	800	738	720	0.077	0.077	0.017			

Item	Catalogue Number (also SNA)	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																	Zs ohm @		R2	Short Circuit level (kA)			
				0.03	1	4	5	6	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230		Vac	20	30	50
				Disconnection Current (A)																	5s	0.4s		Ohms	I²t (x1000)		
1	SNAL3630	HIGH LOW	630 630	8000 4000	8000 4000	8000 4000	6300 4000	5292 4000	3780 4000	2835 2835	2331 2331	1900 1900	1733 1733	1550 1550	1350 1350	1159 1159	995 995	900 900	832 832	775 756	756	0.037 0.058	0.029 0.058	0.008 0.013			
2	SNAL3700	HIGH LOW	700 700	8000 4000	8000 4000	8000 4000	7000 4000	5880 4000	4200 4000	3150 3150	2590 2590	2111 2111	1925 1925	1722 1722	1500 1500	1288 1288	1106 1106	1000 1000	924 924	861 840	840	0.033 0.058	0.029 0.058	0.007 0.013			
3	SNAL3800	HIGH LOW	800 800	8000 4000	8000 4000	8000 4000	7300 4000	6720 4000	4800 4000	3400 3400	2960 2960	2413 2413	2200 2200	1968 1968	1714 1714	1472 1472	1264 1264	1142 1142	1056 1056	984 960	960	0.032 0.058	0.029 0.058	0.007 0.013			
4	SNAL3900	HIGH LOW	900 900	10000 4000	10000 4000	10000 4000	8500 4000	7560 4000	5400 4000	4050 4000	3330 3330	2714 2714	2475 2475	2214 2214	1929 1929	1656 1656	1422 1422	1285 1285	1188 1188	1107 1107	1080 1080	0.027 0.058	0.023 0.058	0.006 0.013			
5	SNAL31000	HIGH LOW	1000 1000	10000 5000	10000 5000	10000 5000	9000 5000	8400 5000	6000 5000	4500 4500	3700 3700	3016 3016	2750 2750	2460 2460	2143 2143	1840 1840	1580 1580	1428 1428	1320 1320	1230 1200	1200	0.026 0.046	0.023 0.046	0.006 0.010			
6	SNAL31250	HIGH LOW	1250 1250	10000 5000	10000 5000	10000 5000	10000 5000	10000 5000	7500 5000	5625 5000	4625 4625	3770 3770	3438 3438	3075 3075	2679 2679	2300 2300	1975 1975	1785 1785	1650 1650	1538 1500	1500	0.023 0.046	0.023 0.046	0.005 0.010			

Square D - TIME CURRENT DATA for Circuit Breakers 50, 70kA



Earth fault loop impedance (Zs) for final circuits supplying fixed equipment, disconnection occurs within 5 seconds

For final circuits supplying socket outlets, disconnection occurs within 0.4 of a second.

Voltage Vac = 230

Values of I^2t Let through Energy x 1000

Item	Catalogue Number	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																		Zs ohm @		R2	Short Circuit level (kA)		
				0.050	1	3	5	6	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230	Vac		20	30	50
				Disconnection Current (A)																		5s	0.4s		Ohms	I ² t (x1000)	
1	PA3600RC + SPAF2036	HIGH LOW	600 600	9000 3200	9000 3200	9000 3200	4380 3200	3700 3200	2600 2600	2100 2100	1800 1800	1500 1500	1350 1350	1200 1200	1050 1050	918 918	820 820	780 780	750 750	732 732	720 720	0.053 0.072	0.026 0.072	0.011 0.016	30000	42000	62000
2	PA3700RC + SPAF2036	HIGH LOW	700 700	9000 3200	9000 3200	9000 3200	5110 3200	4316 3200	3000 3000	2450 2450	2100 2100	1750 1750	1575 1575	1400 1400	1225 1225	1071 1071	956 956	910 910	875 875	854 854	840 840	0.045 0.072	0.026 0.072	0.010 0.016	30000	42000	62000
3	PA3800RC + SPAF2036	HIGH LOW	800 800	9000 3200	9000 3200	9000 3200	5840 3200	4933 3200	3428 3200	2800 2700	2400 2400	2000 2000	1800 1800	1600 1600	1400 1400	1224 1224	1093 1093	1040 1040	1000 1000	976 976	960 960	0.039 0.072	0.026 0.072	0.009 0.016	30000	42000	62000
4	PA31000RC + SPAF2036	HIGH LOW	1000 1000	9000 3500	9000 3500	9000 3500	6800 3500	6000 3500	4285 3500	3500 3500	3000 3000	2500 2500	2250 2250	2000 2000	1750 1750	1530 1530	1366 1366	1300 1300	1250 1250	1220 1220	1200 1200	0.034 0.066	0.026 0.066	0.007 0.014	30000	42000	62000
5	PA31200RC + SPAF2036	HIGH LOW	1200 1200	9000 3500	9000 3500	9000 3500	7200 3500	6720 3500	5100 3500	4200 3500	3600 3500	3000 3000	2700 2700	2400 2400	2100 2100	1836 1836	1639 1639	1560 1560	1500 1500	1464 1464	1440 1440	0.032 0.066	0.026 0.066	0.007 0.014	30000	42000	62000
6	PA31400RC + SPAF2036	HIGH LOW	1400 1400	9000 4500	9000 4500	9000 4500	7900 4500	7500 4500	5950 4500	4900 4500	4200 4200	3500 3500	3150 3150	2800 2800	2450 2450	2142 2142	1912 1912	1820 1820	1750 1750	1708 1708	1680 1680	0.029 0.051	0.026 0.051	0.006 0.011	30000	42000	62000
8	PA31600RC + SPAF2036	HIGH LOW	1600 1600	10000 5000	10000 5000	10000 5000	10000 5000	8960 5000	6800 5000	5600 5000	4800 4800	4000 4000	3600 3600	3200 3200	2800 2800	2448 2448	2186 2186	2080 2080	2000 2000	1952 1952	1920 1920	0.023 0.046	0.023 0.046	0.005 0.010	30000	42000	62000
9	PA31800RC + SPAF2036	HIGH LOW	1800 1800	11000 6500	11000 6500	11000 6500	11000 6500	10080 6500	7700 6500	6250 6000	5400 5400	4500 4500	4050 4050	3600 3600	3150 3150	2754 2754	2459 2459	2340 2340	2250 2250	2196 2196	2160 2160	0.021 0.035	0.021 0.035	0.005 0.008	30000	42000	62000
10	PA32000RC + SPAF2036	HIGH LOW	2000 2000	12000 8000	12000 8000	12000 8000	12000 8000	11200 8000	8556 8000	7000 7000	6000 6000	5000 5000	4500 4500	4000 4000	3500 3500	3060 3060	2732 2732	2600 2600	2500 2500	2440 2440	2400 2400	0.019 0.029	0.019 0.029	0.004 0.006	30000	42000	62000

Item	Catalogue Number	Magnetic Trip Setting	Thermal Trip Setting	Disconnection Time in seconds (S)																		Zs ohm @		R2	Short Circuit level (kA)		
				0.050	1	3	5	6	10	15	20	30	40	60	100	200	500	1000	2000	5000	10000	230	Vac		20	50	70
				Disconnection Current (A)																		5s	0.4s		Ohms	I ² t (x1000)	
1	PC31600RC + SPCF2536	HIGH LOW	1600 1600	12000 6000	12000 6000	12000 6000	12000 6000	10000 6000	7504 6000	6000 6000	5200 6000	4160 6000	3600 6000	3200 3200	2800 2448	2448 2186	2080 2080	2000 2000	1952 1920	1920 1920	0.019 0.038	0.019 0.038	0.004 0.008	30000	62000	90000	
2	PC31800RC + SPCF2536	HIGH LOW	1800 1800	12000 6000	12000 6000	12000 6000	12000 6000	12000 6000	8442 6000	6750 6000	5850 6000	4680 6000	4050 6000	3600 3150	3150 2754	2459 2459	2340 2340	2250 2196	2160 2160	2160 2160	0.019 0.038	0.019 0.038	0.004 0.008	30000	62000	90000	
3	PC32000RC + SPCF2536	HIGH LOW	2000 2000	12000 6000	12000 6000	12000 6000	12000 6000	12000 6000	9380 6000	7500 6000	6500 6000	5200 6000	4500 6000	4000 3500	3500 3060	2732 2732	2600 2600	2500 2440	2440 2400	2400 2400	0.019 0.038	0.019 0.038	0.004 0.008	30000	62000	90000	
4	PC32500RC + SPCF2536	HIGH LOW	2500 2500	14000 8000	14000 8000	14000 8000	14000 8000	14000 8000	11200 8000	9375 8000	8125 8000	6500 6500	5625 6500	5000 5000	4375 4375	3825 3825	3415 3415	3250 3250	3125 3125	3050 3050	3000 3000	0.016 0.029	0.016 0.029	0.004 0.006	30000	62000	90000