

# Bezpieczniki NH klasy aR i gR

AC 500 V, AC 690 V, AC 800 V,  
AC 900 V, AC 1000 V,  
AC 1250 V, AC 1500 V,  
AC 2000 V

Wkładki o charakterystyce aR/gR służą do zabezpieczania układów półprzewodnikowych przed skutkami zwarć i przeciążeń. Spełniają normy VDE0636 oraz IEC 60269. Występują w przedziale napięć od 500V do 2000V AC dla prądów do 1400A oraz w zakresie wielkości S00C (33 mm długości) do wielkości 3. Dzięki specjalnej obróbce części przewodzące (okucia przy nożach) odporne są na korozję. Materiałem izolacyjnym stosowanym do budowy wkładek jest ceramika. Noże bezpieczników wykonane są ze stopu miedzi i dodatkowo posrebrzane.

Wkładki aR/gR ze względu na sposób mocowania występują w różnych wykonaniach: kontakty nożowe, kontakty z możliwością przykręcania na śrubę, gwintowe. W zależności od wykonania na górze obok noża znajduje się czujnik przepalenia w formie klapki, lub pośrodku korpusu w formie czerwonej perełki.

Wkładki o charakterystyce aR są wkładkami szybkimi. Najszybsze są wkładki oznaczone symbolem üf02 (hiper-szybkie), później üf01 (super-szybkie), üf1 (ultra-szybkie) oraz üf2 (szybkie).



Dane do zamówień

Napięcie znamionowe	Prąd znamionowy	Rozłącz. I <sub>2t</sub> przy U <sub>n</sub>	Wielkość	Rozstaw otworów [mm]	Strata mocy [mm] P <sub>n</sub> [W]	Klasa	Typ	Nr artykułu
500	20	170	00C+	80	11	gR	S00C+/üf2/20A/500V	R5212453
500	25	300	00C+	80	13	gR	S00C+/üf2/25A/500V	R5212653
500	32	450	00C+	80	14	gR	S00C+/üf2/32A/500V	R5212953
500	35	700	00C+	80	15	gR	S00C+/üf2/35A/500V	R5213153
500	35	700	1	110	15	gR	S1üf2/110/35A/500V	R1213121
500	40	1000	00C+	80	16	gR	S00C+/üf2/40A/500V	R5213453
500	40	1000	1	110	16	gR	S1üf2/110/40A/500V	R1213421
500	50	1500	00C+	80	18	gR	S00C+/üf2/50A/500V	R5213553
500	50	1500	1	110	18	gR	S1üf2/110/50A/500V	R1213521
500	63	2200	1	110	20	gR	S1üf2/110/63A/500V	R1213821
500	63	2300	00C+	80	20	gR	S00C+/üf2/63A/500V	R5213853
500	80	3400	00C+	80	23	gR	S00C+/üf2/80A/500V	R5214153
500	80	3500	1	110	23	gR	S1üf2/110/80A/500V	R1214121
500	100	5700	00C+	80	26	gR	S00C+/üf2/100A/500V	R5214353
500	100	6100	1	110	26	gR	S1üf2/110/100A/500V	R1214321
500	125	10000	00C+	80	34	gR	S00C+/üf2/125A/500V	R5214653
500	125	10000	1	110	34	gR	S1üf2/110/125A/500V	R1214621
500	125	10000	2	110	34	gR	S1üf2/110/125A/500V	R2214621
500	160	20000	1	110	39	gR	S1üf2/110/160A/500V	R1214921
500	160	20000	2	110	39	gR	S2üf2/110/160A/500V	R2214921
500	160	21000	00C+	80	39	gR	S00C+/üf2/160A/500V	R5214953
500	200	30000	1	110	42	gR	S1üf2/110/200A/500V	R1215221
500	200	30000	2	110	42	gR	S2üf2/110/200A/500V	R2215221
500	224	42000	1	110	48	gR	S1üf2/110/224A/500V	R1215321
500	224	42000	2	110	48	gR	S2üf2/110/224A/500V	R2215321
500	250	52000	1	110	51	gR	S1üf2/110/250A/500V	R1215621
500	250	52000	2	110	51	gR	S2üf2/110/250A/500V	R2215621
500	250	52000	3	110	51	gR	S3üf2/110/250A/500V	R3215621
500	315	80000	3	110	61	gR	S3üf2/110/315A/500V	R3215921
500	315	82000	2	110	61	gR	S2üf2/110/315A/500V	R2215921
500	350	110000	2	110	65	gR	S2üf2/110/350A/500V	R2216021
500	350	110000	3	110	65	gR	S3üf2/110/350A/500V	R3216021
500	400	125000	00	80	70	aR	S00üf01/80/400A/500V	R5016223
500	400	150000	00	80	78	aR	S00üf1/80/400A/500V	R5116223
500	400	160000	2	110	68	gR	S2üf2/110/400A/500V	R2216221
500	400	160000	3	110	69	gR	S3üf2/110/400A/500V	R3216221
500	425	200000	3	110	73	gR	S3üf2/110/425A/500V	R3216321
500	500	270000	3	110	93	gR	S3üf2/110/500A/500V	R3216621
500	630	360000	3	110	135	gR	S3üf2/110/630A/500V	R3216921
500	1250	1450000	3	110	160	aR	S3üf1/110/1250A/500V	R3117921

## Dane do zamówień

Napięcie znamionowe	Prąd znamionowy	Rozłącz. I <sub>2t</sub> przy U <sub>n</sub>	Wielkość	Rozstaw otworów [mm]	Strata mocy [mm] P <sub>n</sub> [W]	Klasa	Typ	Nr artykułu
690	10	90	00C+	80	4.5	aR	S00C+/üf1/10A/690V	R5181753
690	10	90	00C	80	4.5	aR	S00Cüf1/10A/690V	R5181720
690	16	60	00C+	80	5	aR	S00C+/üf01/16A/690V	R5082253
690	16	140	00C+	80	6	aR	S00C+/üf1/16A/690V	R5182253
690	16	140	00C	80	6	aR	S00Cüf1/16A/690V	R5182220
690	20	110	00C+	80	6	aR	S00C+/üf01/20A/690V	R5082453
690	20	220	00C+	80	7	aR	S00C+/üf1/20A/690V	R5182453
690	20	220	00C	80	7	aR	S00Cüf1/20A/690V	R5182420
690	20	320	00C+	80	9.4	gR	S00C+/üf2/20A/690V	R5282453
690	25	200	00C+	80	7	aR	S00C+/üf01/25A/690V	R5082653
690	25	390	00C+	80	8	aR	S00C+/üf1/25A/690V	R5182653
690	25	390	00C	80	8	aR	S00Cüf1/25A/690V	R5182620
690	25	600	00C+	80	11.5	gR	S00C+/üf2/25A/690V	R5282653
690	32	330	00C+	80	9	aR	S00C+/üf01/32A/690V	R5082953
690	32	600	00C+	80	9	aR	S00C+/üf1/32A/690V	R5182953
690	32	600	00C	80	9	aR	S00Cüf1/32A/690V	R5182920
690	32	600	1	110	7.2	aR	S1üf1/110/32A/690V	R1182921
690	32	800	00C+	80	12.5	gR	S00C+/üf2/32A/690V	R5282953
690	35	550	00C+	80	10	aR	S00C+/üf01/35A/690V	R5083153
690	35	800	00C+	80	10	aR	S00C+/üf1/35A/690V	R5183153
690	35	800	00C	80	10	aR	S00Cüf1/35A/690V	R5183120
690	35	800	1	110	7.8	aR	S1üf1/110/35A/690V	R1183121
690	35	900	00C+	80	13.5	gR	S00C+/üf2/35A/690V	R5283153
690	40	600	00C+	80	11	aR	S00C+/üf01/40A/690V	R5083453
690	40	1000	00C+	80	11.5	aR	S00C+/üf1/40A/690V	R5183453
690	40	1000	00C	80	11.5	aR	S00Cüf1/40A/690V	R5183420
690	40	1000	1	110	8.5	aR	S1üf1/110/40A/690V	R1183421
690	40	1400	00C+	80	14	gR	S00C+/üf2/40A/690V	R5283453
690	50	1200	00C+	80	12	aR	S00C+/üf01/50A/690V	R5083553
690	50	1700	00C+	80	12	aR	S00C+/üf1/50A/690V	R5183553
690	50	1700	00C	80	12	aR	S00Cüf1/50A/690V	R5183520
690	50	1700	1	110	11	aR	S1üf1/110/50A/690V	R1183521
690	50	2300	00C+	80	15.5	gR	S00C+/üf2/50A/690V	R5283553
690	63	1200	1	110	15	aR	S1üf02/110/63A/690V	R1383821
690	63	1700	00C+	80	14	aR	S00C+/üf01/63A/690V	R5083853
690	63	2500	00C+	80	14.5	aR	S00C+/üf1/63A/690V	R5183853
690	63	2500	00C	80	14.5	aR	S00Cüf1/63A/690V	R5183820
690	63	2500	1	110	13	aR	S1üf1/110/63A/690V	R1183821
690	63	3900	00C+	80	17.5	gR	S00C+/üf2/63A/690V	R5283853
690	80	1800	1	110	20	aR	S1üf02/110/80A/690V	R1384121
690	80	2400	1	110	16	aR	S1üf01/110/80A/690V	R1084121
690	80	2900	00C+	80	18	aR	S00C+/üf01/80A/690V	R5084153
690	80	5000	00C+	80	20	aR	S00C+/üf1/80A/690V	R5184153
690	80	5000	00C	80	20	aR	S00Cüf1/80A/690V	R5184120
690	80	5000	1	110	15	aR	S1üf1/110/80A/690V	R1184121
690	80	6000	00C+	80	20.5	gR	S00C+/üf2/80A/690V	R5284153
690	80	6100	1	110	23	gR	S1üf2/110/80A/690V	R1284121
690	100	2480	1	110	27	aR	S1üf02/110/100A/690V	R1384321
690	100	4600	1	110	20	aR	S1üf01/110/100A/690V	R1084321
690	100	5500	00C+	80	21	aR	S00C+/üf01/100A/690V	R5084353
690	100	8000	00C+	80	23	aR	S00C+/üf1/100A/690V	R5184353
690	100	8000	00C	80	23	aR	S00Cüf1/100A/690V	R5184320
690	100	8000	1	110	19	aR	S1üf1/110/100A/690V	R1184321
690	100	9800	1	110	26	gR	S1üf2/110/100A/690V	R1284321
690	100	10000	00C+	80	23	gR	S00C+/üf2/100A/690V	R5284353
690	125	4600	1	110	31	aR	S1üf02/110/125A/690V	R1384621
690	125	6800	1	110	25	aR	S1üf01/110/125A/690V	R1084621
690	125	10500	00C+	80	23	aR	S00C+/üf01/125A/690V	R5084653
690	125	12000	00C+	80	26	aR	S00C+/üf1/125A/690V	R5184653
690	125	12000	00C	80	26	aR	S00Cüf1/125A/690V	R5184620
690	125	12000	1	110	22	aR	S1üf1/110/125A/690V	R1184621

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690	125	13000	00C+	80	30	gR	S00C+/üf2/125A/690V	R5284653
690	125	14000	1	110	34	gR	S1üf2/110/125A/690V	R1284621
690	125	14000	2	110	34	gR	S2üf2/110/125A/690V	R2284621
690	160	8450	1	110	35	aR	S1üf02/110/160A/690V	R1384921
690	160	10500	1	110	32	aR	S1üf01/110/160A/660V	R1084921
690	160	18000	00C+	80	30	aR	S00C+/üf01/160A/690V	R5084953
690	160	19000	00C+	80	34	aR	S00C+/üf1/160A/690V	R5184953
690	160	19000	00C	80	34	aR	S00Cüf1/160A/690V	R5184920
690	160	19000	1	110	28	aR	S1üf1/110/160A/690V	R1184921
690	160	19000	2	110	26	aR	S2üf1/110/160A/690V	R2184921
690	160	24000	00C+	80	34	gR	S00C+/üf2/160A/690V	R5284953
690	160	25000	1	110	39	gR	S1üf2/110/160A/690V	R1284921
690	160	25000	2	110	39	gR	S2üf2/110/160A/690V	R2284921
690	200	14000	1	110	46	aR	S1üf02/110/200A/690V	R1385221
690	200	18500	1	110	40	aR	S1üf01/110/200A/690V	R1085221
690	200	26000	00	80	40	aR	S00üf1/80/200A/690V	R5185223
690	200	26000	1	110	35	aR	S1üf1/110/200A/690V	R1185221
690	200	26000	2	110	30	aR	S2üf1/110/200A/690V	R2185221
690	200	31000	00C+	80	36	aR	S00C+/üf01/200A/690V	R5085253
690	200	48000	1	110	42	gR	S1üf2/110/200A/690V	R1285221
690	200	48000	2	110	42	gR	S2üf2/110/200A/690V	R2285221
690	224	58000	1	110	48	gR	S1üf2/110/224A/690V	R1285321
690	224	58000	2	110	48	gR	S2üf2/110/224A/690V	R2285321
690	250	26000	1	110	51	aR	S1üf02/110/250A/690V	R1385621
690	250	31000	1	110	50	aR	S1üf01/110/250A/690V	R1085621
690	250	45000	00	80	48	aR	S00üf1/80/250A/690V	R5185623
690	250	45000	1	110	40	aR	S1üf1/110/250A/690V	R1185621
690	250	45000	2	110	39	aR	S2üf1/110/250A/690V	R2185621
690	250	57000	00C+	80	45	aR	S00C+/üf01/250A/690V	R5085653
690	250	70000	1	110	51	gR	S1üf2/110/250A/690V	R1285621
690	250	70000	2	110	51	gR	S2üf2/110/250A/690V	R2285621
690	250	70000	3	110	51	gR	S3üf2/110/250A/690V	R3285621
690	315	42000	1	110	66	aR	S1üf02/110/315A/690V	R1385921
690	315	54000	1	110	60	aR	S1üf01/110/315A/690V	R1085921
690	315	81000	00C+	80	54	aR	S00C+/üf01/315A/690V	R5085953
690	315	85000	00	80	59	aR	S00üf1/80/315A/690V	R5185923
690	315	85000	1	110	45	aR	S1üf1/110/315A/690V	R1185921
690	315	85000	2	110	42	aR	S2üf1/110/315A/690V	R2185921
690	315	85000	3	110	39	aR	S3üf1/110/315A/690V	R3185921
690	315	100000	2	110	55	gR	S2üf2/110/315A/690V	R2285921
690	315	100000	3	110	55	gR	S3üf2/110/315A/690V	R3285921
690	350	54000	1	110	68	aR	S1üf02/110/350A/690V	R1386021
690	350	72000	1	110	63	aR	S1üf01/110/350A/690V	R1086021
690	350	90000	00	80	60	aR	S00üf01/80/350A/690V	R5086023
690	350	115000	00	80	64	aR	S00üf1/80/350A/690V	R5186023
690	350	115000	1	110	47	aR	S1üf1/110/350A/690V	R1186021
690	350	115000	2	110	46	aR	S2üf1/110/350A/690V	R2186021
690	350	115000	3	110	44	aR	S3üf1/110/350A/690V	R3186021
690	350	150000	2	110	65	gR	S2üf2/110/350A/690V	R2286021
690	350	150000	3	110	65	gR	S3üf2/110/350A/690V	R3286021
690	375	125000	00	80	70	aR	S00üf1/80/375A/690V	R5186123
690	400	82000	2	110	70	aR	S2üf01/110/400A/690V	R2086221
690	400	85000	2	110	71	aR	S2üf02/110/400A/690V	R2386221
690	400	98000	1	110	70	aR	S1üf02/110/400A/690V	R1386221
690	400	105000	1	110	67	aR	S1üf01/110/400A/690V	R1086221
690	400	150000	1	110	52	aR	S1üf1/110/400A/690V	R1186221
690	400	150000	2	110	52	aR	S2üf1/110/400A/690V	R2186221
690	400	150000	3	110	50	aR	S3üf1/110/400A/690V	R3186221
690	400	180000	2	110	72	gR	S2üf2/110/400A/690V	R2286221
690	400	180000	3	110	72	gR	S3üf2/110/400A/690V	R3286221
690	425	200000	3	110	80	gR	S3üf2/110/425A/690V	R3286321

## Dane do zamówień

Napięcie znamionowe	Prąd znamionowy	Rozłącz. I <sub>2t</sub> przy U <sub>n</sub>	Wielkość	Rozstaw otworów [mm]	Strata mocy [mm] P <sub>n</sub> [W]	Klasa	Typ	Nr artykułu
690	450	120000	2	110	77	aR	S2üf02/110/450A/690V	R2386421
690	450	125000	2	110	74	aR	S2üf01/110/450A/690V	R2086421
690	450	143000	1	110	72	aR	S1üf02/110/450A/690V	R1386421
690	450	155000	1	110	71	aR	S1üf01/110/450A/690V	R1086421
690	450	205000	2	110	60	aR	S2üf1/110/450A/690V	R2186421
690	450	205000	3	110	56	aR	S3üf1/110/450A/690V	R3186421
690	500	150000	2	110	84	aR	S2üf02/110/500A/690V	R2386621
690	500	170000	2	110	80	aR	S2üf01/110/500A/690V	R2086621
690	500	198000	1	110	74	aR	S1üf02/110/500A/690V	R1386621
690	500	205000	1	110	74	aR	S1üf01/110/500A/690V	R1086621
690	500	250000	2	110	64	aR	S2üf1/110/500A/690V	R2186621
690	500	250000	3	110	61	aR	S3üf1/110/500A/690V	R3186621
690	500	260000	3	110	100	gR	S3üf2/110/500A/690V	R3286621
690	550	190000	2	110	92	aR	S2üf02/110/550A/690V	R2386721
690	550	286000	1	110	77	aR	S1üf02/110/550A/690V	R1386721
690	630	215000	3	110	110	aR	S3üf02/110/630A/690V	R3386921
690	630	240000	3	110	101	aR	S3üf01/110/630A/690V	R3086921
690	630	290000	2	110	97	aR	S2üf02/110/630A/690V	R2386921
690	630	305000	2	110	85	aR	S2üf01/110/630A/690V	R2086921
690	630	345000	1	110	88	aR	S1üf01/110/630A/690V	R1086921
690	630	396000	1	110	84	aR	S1üf02/110/630A/690V	R1386921
690	630	400000	2	110	81	aR	S2üf1/110/630A/690V	R2186921
690	630	400000	3	110	77	aR	S3üf1/110/630A/690V	R3186921
690	630	410000	3	110	130	gR	S3üf2/110/630A/690V	R3286921
690	710	320000	3	110	118	aR	S3üf02/110/710A/690V	R3387021
690	710	340000	3	110	112	aR	S3üf01/110/710A/690V	R3087021
690	710	410000	2	110	104	aR	S2üf02/110/710A/690V	R2387021
690	710	470000	1	110	92	aR	S1üf02/110/710A/690V	R1387021
690	710	480000	2	110	91	aR	S2üf01/110/710A/690V	R2087021
690	710	610000	3	110	91	aR	S3üf1/110/710A/690V	R3187021
690	800	475000	3	110	122	aR	S3üf02/110/800A/690V	R3387221
690	800	510000	3	110	118	aR	S3üf01/110/800A/690V	R3087221
690	800	610000	2	110	112	aR	S2üf02/110/800A/690V	R2387221
690	800	710000	2	110	95	aR	S2üf01/110/800A/690V	R2087221
690	800	790000	3	110	101	aR	S3üf1/110/800A/690V	R3187221
690	900	710000	3	110	128	aR	S3üf02/110/900A/690V	R3387421
690	900	920000	2	110	116	aR	S2üf02/110/900A/690V	R2387421
690	1000	920000	3	110	138	aR	S3üf02/110/1000A/690V	R3387621
690	1000	1000000	3	110	120	aR	S3üf1/110/1000A/690V	R3187621
690	1000	1100000	3	110	127	aR	S3üf01/110/1000A/690V	R3087621
690	1000	1300000	2	110	121	aR	S2üf02/110/1000A/690V	R2387621
690	1100	1300000	3	110	145	aR	S3üf02/110/1100A/690V	R3387721
690	1250	1900000	3	110	154	aR	S3üf02/110/1250A/690V	R3387921
690	1250	2300000	3	110	150	aR	S3üf01/110/1250A/690V	R3087921
690	1400	2600000	3	110	162	aR	S3üf02/110/1400A/690V	R3388121
800	250	31000	2	110	87	aR	S2üf1/110-65/250A/800V	R2135627
800	315	63500	2	110	104	aR	S2üf1/110-65/315A/800V	R2135927
800	450	205000	2	110	124	aR	S2üf1/110-65/450A/800V	R2136427
800	500	305000	2	110	137	aR	S2üf1/110-65/500A/800V	R2136627
800	710	1010000	2	110	139	aR	S2üf1/110-65/710A/800V	R2137027
900	315	100000	00	80	75	aR	S00üf01/80/315A/900V	R5045923
900	350	125000	00	80	81	aR	S00üf01/80/350A/900V	R5046023
1000	32	190	00	80	15	aR	S00üf01/80/32A/1000V	R5042923
1000	35	270	00	80	16	aR	S00üf01/80/35A/1000V	R5043123
1000	40	330	00	80	18	aR	S00üf01/80/40A/1000V	R5043423
1000	50	680	00	80	20	aR	S00üf01/80/50A/1000V	R5043523
1000	63	1250	00	80	23	aR	S00üf01/80/63A/1000V	R5043823
1000	63	2000	1	110	15	aR	S1üf01/110/63A/1000V	R1043821
1000	80	2500	00	80	27	aR	S00üf01/80/80A/1000V	R5044123
1000	80	3500	1	110	20	aR	S1üf01/110/80A/1000V	R1044121
1000	100	5000	00	80	30	aR	S00üf01/80/100A/1000V	R5044323

## Dane do zamówień

Napięcie znamionowe	Prąd znamionowy	Rozłącz. I <sub>2t</sub> przy U <sub>n</sub>	Wielkość	Rozstaw otworów [mm]	Strata mocy [mm] P <sub>n</sub> [W]	Klasa	Typ	Nr artykułu
1000	100	6300	1	110	25	aR	S1üf01/110/100A/1000V	R1044321
1000	100	6800	1	110	26	aR	S1üf1/110/100A/1000V	R1144321
1000	1250	10000	00	80	37	aR	S00üf01/80/125A/1000V	R5044623
1000	125	11000	1	110	30	aR	S1üf01/110/125A/1000V	R1044621
1000	125	12500	1	110	32	aR	S1üf1/110/125A/1000V	R1144621
1000	160	16000	00	80	46	aR	S00üf01/80/160A/1000V	R5044923
1000	160	17500	1	110	35	aR	S1üf01/110/160A/1000V	R1044921
1000	160	21500	1	110	37	aR	S1üf1/110/160A/1000V	R1144921
1000	200	30000	00	80	55	aR	S00üf01/80/200A/1000V	R5045223
1000	200	30500	1	130	53	aR	S1üf01G/130/200A/1000V	R1445236
1000	200	31000	1	110	44	aR	S1üf01/110/200A/1000V	R1045221
1000	200	34000	1	110	46	aR	S1üf1/110/200A/1000V	R1145221
1000	250	51500	1	110	54	aR	S1üf01/110/250A/1000V	R1045621
1000	250	52500	1	130	65	aR	S1üf01G/130/250A/1000V	R1445636
1000	250	55000	00	80	65	aR	S00üf01/80/250A/1000V	R5045623
1000	250	60000	1	110	56	aR	S1üf1/110/250A/1000V	R1145621
1000	315	88000	2	110	65	aR	S2üf01/110/315A/1000V	R2045921
1000	315	108000	1	110	62	aR	S1üf1/110/315A/1000V	R1145921
1000	315	108000	2	110	65	aR	S2üf1/110/315A/1000V	R2145921
1000	315	110000	1	110	60	aR	S1üf01/110/315A/1000V	R1045921
1000	350	120000	2	110	70	aR	S2üf01/110/350A/1000V	R2046021
1000	350	130000	2	110	72	aR	S2üf1/110/350A/1000V	R2146021
1000	350	149000	1	110	65	aR	S1üf01/110/350A/1000V	R1046021
1000	355	112000	2	130	85	aR	S2üf01G//130/355A/1000V	R2446036
1000	400	175000	2	110	80	aR	S2üf01/110/400A/1000V	R2046221
1000	400	195000	2	110	85	aR	S2üf1/110/400A/1000V	R2146221
1000	400	201000	1	110	70	aR	S1üf01/110/400A/1000V	R1046221
1000	450	210000	2	110	85	aR	S2üf01/110/450A/1000V	R2046421
1000	450	260000	2	110	90	aR	S2üf1/110/450A/1000V	R2146421
1000	450	302000	1	110	74	aR	S1üf01/110/450A/1000V	R1046421
1000	500	260000	3	110	100	aR	S3üf01/110/500A/1000V	R3046621
1000	500	300000	3	130	108	aR	S3üf01G/130/500A/1000V	R3446636
1000	500	315000	2	110	90	aR	S2üf01/110/500A/1000V	R2046621
1000	500	340000	2	110	94	aR	S2üf1/110/500A/1000V	R2146621
1000	500	340000	3	110	102	aR	S3üf1/110/500A/1000V	R3146621
1000	500	402000	1	110	79	aR	S1üf01/110/500A/1000V	R1046621
1000	630	480000	3	110	115	aR	S3üf1/110/630A/1000V	R3146921
1000	630	500000	3	130	130	aR	S3üf01G/130/630A/1000V	R3446936
1000	630	510000	3	110	112	aR	S3üf01/110/630A/1000V	R3046921
1000	630	610000	2	110	108	aR	S2üf01/110/630A/1000V	R2046921
1000	710	690000	3	110	130	aR	S3üf01/110/710A/1000V	R3047021
1000	710	750000	3	110	132	aR	S3üf1/110/710A/1000V	R3147021
1000	800	850000	3	110	150	aR	S3üf1/110/800A/1000V	R3147221
1000	800	900000	3	110	140	aR	S3üf01/110/800A/1000V	R3047221
1000	1000	2100000	3	110	156	aR	S3üf01/110/1000A/1000V	R3047621
1250	250	52650	2	110	66	aR	S2üf01/110/250A/1250V	R2095621
1250	350	111000	3	110	90	aR	S3üf01/110/350A/1250V	R3096021
1250	350	133000	2	110	81	aR	S2üf01/110/350A/1250V	R2096021
1250	630	660000	3	110	116	aR	S3üf01/110/630A/1250V	R3096921
1250	710	930000	3	110	122	aR	S3üf01/110/710A/1250V	R3097021
1250	1000	2730000	3	110	138	aR	S3üf01/110/1000A/1250V	R3097621
1500	400	330000	3	140	128	aR	S3üf01/140/400A/1500V	R3076234
2000	250	225000	3	210	105	aR	S3üf1/210-165/250A/2000V	R3165669
2000	350	565000	3	210	115	aR	S3üf1/210-165/350A/2000V	R3166069
2000	400	900000	3	210	142	aR	S3üf1/210-165/400A/2000V	R3166269
2000	450	965000	3	210	151	aR	S3üf1/210-165/450A/2000V	R3166469
2000	525	1150000	3	210	202	aR	S3üf1/210-165/525A/2000V	R3166669
2000	630	2100000	3	210	210	aR	S3üf1/210-165/630A/2000V	R3166969
2000	710	3200000	3	210	212	aR	S3üf1/210-165/710A/2000V	R3167069