

## PROTECTION DEVICES

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
1N5635,A	1N5635,A	1N6145,A	1.5KE12CP,CA
↓	↓	1N6146,A	1.5KE13CP,CA
1N5665,A	1N5665,A	1N6147,A	1.5KE15CP,CA
1N5908	1N5908	1N6148,A	1.5KE16CP,CA
1N6042,A	1N6042,A	1N6149,A	1.5KE18CP,CA
↓	↓	1N6150,A	1.5KE20CP,CA
1N6072,A	1N6072,A	1N6151,A	1.5KE22CP,CA
1N6103,A	P6KE6V8CP,CA	1N6152,A	1.5KE25CP,CA
1N6104,A	P6KE7V5CP,CA	1N6153,A	1.5KE27CP,CA
1N6105,A	P6KE8V2CP,CA	1N6154,A	1.5KE30CP,CA
1N6106,A	P6KE9V1CP,CA	1N6155,A	1.5KE33CP,CA
1N6107,A	P6KE10CP,CA	1N6156,A	1.5KE36CP,CA
1N6108,A	P6KE11CP,CA	1N6157,A	1.5KE39CP,CA
1N6109,A	P6KE12CP,CA	1N6158,A	1.5KE43CP,CA
1N6110,A	P6KE13CP,CA	1N6159,A	1.5KE47CP,CA
1N6111,A	P6KE15CP,CA	1N6160,A	1.5KE51CP,CA
1N6112,A	P6KE16CP,CA	1N6161,A	1.5KE56CP,CA
1N6113,A	P6KE18CP,CA	1N6162,A	1.5KE62CP,CA
1N6114,A	P6KE20CP,CA	1N6163,A	1.5KE68CP,CA
1N6115,A	P6KE22CP,CA	1N6164,A	1.5KE75CP,CA
1N6116,A	P6KE25CP,CA	1N6165,A	1.5KE82CP,CA
1N6117,A	P6KE27CP,CA	1N6166,A	1.5KE91CP,CA
1N6118,A	P6KE30CP,CA	1N6167,A	1.5KE100CP,CA
1N6119,A	P6KE33CP,CA	1N6168,A	1.5KE110CP,CA
1N6120,A	P6KE36CP,CA	1N6169,A	1.5KE120CP,CA
1N6121,A	P6KE39CP,CA	1N6170,A	1.5KE130CP,CA
1N6122,A	P6KE43CP,CA	1N6171,A	1.5KE150CP,CA
1N6123,A	P6KE47CP,CA	1N6172,A	1.5KE160CP,CA
1N6124,A	P6KE51CP,CA	1N6173,A	1.5KE180CP,CA
1N6125,A	P6KE56CP,CA	1N6267,A	1.5KE6V8P,A
1N6126,A	P6KE62CP,CA	1N6268,A	1.5KE7V5P,A
1N6127,A	P6KE68CP,CA	1N6269,A	1.5KE8V2P,A
1N6128,A	P6KE75CP,CA	1N6270,A	1.5KE9V1P,A
1N6129,A	P6KE82CP,CA	1N6271,A	1.5KE10P,A
1N6130,A	P6KE91CP,CA	1N6272,A	1.5KE11P,A
1N6131,A	P6KE100CP,CA	1N6273,A	1.5KE12P,A
1N6132,A	P6KE110CP,CA	1N6274,A	1.5KE13P,A
1N6133,A	P6KE120CP,CA	1N6275,A	1.5KE15P,A
1N6134,A	P6KE130CP,CA	1N6276,A	1.5KE16P,A
1N6135,A	P6KE150CP,CA	1N6277,A	1.5KE18P,A
1N6136,A	P6KE160CP,CA	1N6278,A	1.5KE20P,A
1N6137,A	P6KE180CP,CA	1N6279,A	1.5KE22P,A
1N6139,A	1.5KE6V8CP,CA	1N6280,A	1.5KE25P,A
1N6140,A	1.5KE7V5CP,CA	1N6281,A	1.5KE27P,A
1N6141,A	1.5KE8V2CP,CA	1N6282,A	1.5KE30P,A
1N6142,A	1.5KE9V1CP,CA	1N6283,A	1.5KE33P,A
1N6143,A	1.5KE10CP,CA	1N6284,A	1.5KE36P,A
1N6144,A	1.5KE11CP,CA	1N6285,A	1.5KE39P,A
		1N6286,A	1.5KE43P,A
		1N6287,A	1.5KE47P,A

## PROTECTION DEVICES

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
1N6288,A	1.5KE51P,A	1N6302C	1.5KE180P,A
1N6289,A	1.5KE56P,A	1N6303C	1.5KE200CP
1N6290,A	1.5KE62P,A	1N6356	1N5908
1N6291,A	1.5KE68P,A	1N6373	1N5908
1N6292,A	1.5KE75P,A	1N6402,A	P6KE6V8P,A
1N6293,A	1.5KE82P,A	↓	↓
1N6294,A	1.5KE91P,A	1N6456,A	P6KE400P,A
1N6295,A	1.5KE100P,A	1N6462	P6KE6V8A
1N6296,A	1.5KE110P,A	↓	↓
1N6297,A	1.5KE120P,A	1N6468	P6KE62A
1N6298,A	1.5KE130P,A	1N6470	1.5KE6V8A
1N6299,A	1.5KE150P,A	↓	↓
1N6300,A	1.5KE160P,A	1N6476	1.5KE62A
1N6301,A	1.5KE170P,A	1SMB6.0,A	SM6T6V8,A
1N6302,A	1.5KE180P,A	1SMB6.5,A	SM6T7V5,A
1N6303,A	1.5KE200P,A	1SMB8.5,A	SM6T10,A
1N6268C	1.5KE7V5CP	1SMB10,A	SM6T12,A
1N6269C	1.5KE8V2CP	1SMB13,A	SM6T15,A
1N6270C	1.5KE9V1CP	1SMB16,A	SM6T18,A
1N6271C	1.5KE10CP	1SMB24,A	SM6T27,A
1N6272C	1.5KE11CP	1SMB26,A	SM6T30,A
1N6273C	1.5KE12CP	1SMB28,A	SM6T33,A
1N6274C	1.5KE13CP	1SMB33,A	SM6T39,A
1N6275C	1.5KE15CP	1SMB58,A	SM6T68,A
1N6276C	1.5KE16CP	1SMB60,A	SM6T68,A
1N6277C	1.5KE18CP	1SMB85,A	SM6T100,A
1N6278C	1.5KE20CP	1SMB130,A	SM6T150,A
1N6279C	1.5KE22CP	1SMB170,A	SM6T200,A
1N6280C	1.5KE25CP	1SMC6.0A	SM15T6V8,A
1N6281C	1.5KE27CP	1SMC6.5,A	SM15T7V5,A
1N6282C	1.5KE30CP	1SMC8.5,A	SM15T10,A
1N6283C	1.5KE33CP	1SMC10,A	SM15T12,A
1N6284C	1.5KE36CP	1SMC13,A	SM15T15,A
1N6285C	1.5KE39CP	1SMC16,A	SM15T18,A
1N6286C	1.5KE43CP	1SMC24,A	SM15T27,A
1N6287C	1.5KE47CP	1SMC26,A	SM15T30,A
1N6288C	1.5KE51CP	1SMC28,A	SM15T33,A
1N6289C	1.5KE56CP	1SMC33,A	SM15T39,A
1N6290C	1.5KE62CP	1SMC58,A	SM15T68,A
1N6291C	1.5KE68CP	1SMC60,A	SM15T68,A
1N6292C	1.5KE75CP	1.0KE5.0,A	1.5KE6V8P,A
1N6293C	1.5KE82CP	↓	↓
1N6294C	1.5KE91P,A	1.0KE170,A	1.5KE200P,A
1N6295C	1.5KE100P,A	1.0KE5.0C,CA	1.5KE6V8CP,CA
1N6296C	1.5KE110P,A	↓	↓
1N6297C	1.5KE120P,A		
1N6298C	1.5KE130P,A		
1N6299C	1.5KE150P,A		
1N6300C	1.5KE160P,A		
1N6301C	1.5KE170P,A		

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
1.0KE170C,CA 1.2KE5.0,A	1.5KE200CP,CA 1.5KE6V8P,A	BR210-120	TPB110B18
↓	↓	BR210-140	TPB130B18
1.2KE170,A 1.2KE5.0C,CA	1.5KE200P,A 1.5KE6V8CP,CA	BR210-160	TPB150B18
↓	↓	BR210-180	TPB160B18
1.2KE170C,CA 1.5K11,A	1.5KE200CP,CA 1N5634,A	BR210-200	TPB180B18
↓	↓	BR210-220	TPB200B18
1.5K200,A 1.5KA6.8,A	1N5665,A 1.5KE6V8P,A	BR210-240	TPB220B18
↓	↓	BR210-260	TPB240B18
1.5KA43,A 1.5KA6.8C,CA	1.5KE43P,A 1.5KE6V8CP,CA	BR210-280	TPB270B18
↓	↓	BR211-100	TPA91B18
1.5KA43C,CA 1.5KE6.8,A	1.5KE43CP,CA 1.5KE6V8P,A	BR211-120	TPA110B18
↓	↓	BR211-140	TPA130B18
1.5KE440,A 1.5KE6.8C,CA	1.5KE440P,A 1.5KE6V8CP,CA	BR211-160	TPA150B18
↓	↓	BR211-180	TPA160B18
1.5KA440C,CA 1.5SMC6.8A	1.5KE440CP,CA SM15T6V8A	BR211-200	TPA180B18
↓	↓	BR211-220	TPA200B18
1.5SMC91A	SM15T91A	BR211-240	TPA220B18
3A120	TPB91A18	BR211-260	TPA240B18
3A133	TPB180A18	BR211-280	TPA270B18
3A138	TPB62B18	BR220-100	2 * TPB91B18
3A139	TPB75B18	BR220-120	2 * TPB110B18
3A140	TPB120B18	BR220-140	2 * TPB130B18
3A143	TPB200B18	BR220-160	2 * TPB150B18
3A249	THDT58S	BR220-180	2 * TPB160B18
3A258	THDT58S	BR220-200	2 * TPB180B18
5KP10,A	BZW50-10	BR220-220	2 * TPB200B18
↓	↓	BR220-240	2 * TPB220B18
5KP110,A 5KP10C,CA	BZW50-100 BZW50-10B	BR220-260	THBT200S
↓	↓	BR220-280	2 * TPB270B18
5KP110C,CA BR210-100	BZW50-100B TPB91B18	BZW03-C7V5	BZW04-6V4
		BZW03-C8V2	BZW04-7V0
		BZW03-C9V1	BZW04-7V8
		BZW03-C10	BZW04-8V5
		BZW03-C11	BZW04-9V4
		BZW03-C12	BZW04-10
		BZW03-C13	BZW04-11
		BZW03-C15	BZW04-13
		BZW03-C16	BZW04-14
		BZW03-C18	BZW04-15
		BZW03-C20	BZW04-17
		BZW03-C22	BZW04-19
		BZW03-C24	BZW04-20
		BZW03-C27	BZW04-23
		BZW03-C30	BZW04-26
		BZW03-C33	BZW04-28
		BZW03-C36	BZW04-31
		BZW03-C39	BZW04-33
		BZW03-C43	BZW04-37
		BZW03-C47	BZW04-40
		BZW03-C51	BZW04-44

## PROTECTION DEVICES

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
BZW03-C56	BZW04-48	FP1400,A	P6KE280CP,CA
BZW03-C62	BZW04-53	FP2006,A	1.5KE6V8CP,CA
BZW03-C68	BZW04-58	↓	↓
BZW03-C75	BZW04-64	FP2275,A	1.5KE280CP,CA
BZW03-C82	BZW04-70	FP3012,A	BZW50-10B
BZW03-C91	BZW04-78	↓	↓
BZW03-C100	BZW04-85	FP3180,A	BZW50-180B
BZW03-C110	BZW04-94	ICT-5	1N5908
BZW03-C120	BZW04-102	ICTA-5	1N5908
BZW03-C130	BZW04-111	ITA6V1U1	ITA6V1U1
BZW03-C150	BZW04-128	ITA6V1U3	ITA6V1U3
BZW03-C160	BZW04-136	ITA6V1M3	ITA6V1M3
BZW03-C180	BZW04-154	ITA6V5B1	ITA6V5B1
BZW03-C200	BZW04-171	ITA6V5B3	ITA6V5B3
BZW03-C220	BZW04-188	ITA10B1	ITA10B1
BZW03-C240	BZW04-213	ITA10B3	ITA10B3
BZW03-C270	BZW04-239	ITA18B1	ITA18B1
BZW04-5V8,B	BZW04-5V8,B	ITA18B3	ITA18B3
↓	↓	ITA25B1	ITA25B1
BZW04-376,B	BZW04-376,B	ITA25B3	ITA25B3
BZW04P5V8,B	BZW04P5V8,B	L3100B	L3100B
↓	↓	L3100B1	L3100B1
BZW04P376,B	BZW04P376,B	L3121B	L3121B
BZW06-5V8,B	BZW06-5V8,B	LCP150S	LCP150S
↓	↓	LCP1511	LCP1511
BZW06-376,B	BZW06-376,B	LCP1512	LCP1512
BZW06P5V8,B	BZW06P5V8,B	LCTA6V1M3	LCTA6V1M3
↓	↓	LS5018B	LS5018B
BZW06P376,B	BZW06P376,B	LS5060B	LS5060B
BZW50-8V2,B	BZW50-8V2,B	LS5120B	LS5120B
↓	↓	LVT3V3	LVT3V3
BZW50-180,B	BZW50-180,B	MPT-5	1N5908
CP2009	1.5KE9V1CP	MPTE-5	1N5908
↓	↓	MR2520L	LDP24AS
CP2440	1.5KE440CP	P0800EA	TPA68A18
CP3012	BZW50-10B	P1050EA	TPA82A18
↓	↓	P1100EA	TPA91B18
CP3220	BZW50-100B	P1200EA	TPA100B18
DL2-5,A	ITA6V1U3	P1300EA	TPA110B18
DLTS-5,A	ITA6V1U3	P1400EA	TPA120B18
FP1006,A	P6KE6V8CP,CA	P1500EA	TPA120A18
↓	↓	P1602AA	2 * TPA62A18
		P1602AB	2 * TPB62A18
		P2000AA	TPA160A18
		P2200AA	TPA180B18
		P2202AA	2 * TPA91A18
		P2202AB	2 * TPB91A18
		P2400AA	TPA200B18

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
P2500AA	TPA220B18	P4KE9.1,C	BZW04P7V8,B
P2702AA	2 * TPA110A18	P4KE10,C	BZW04P8V5,B
P2702AB	2 * TPB110A18	P4KE11,C	BZW04P9V4,B
P3000AA	TPA240B18	P4KE12,C	BZW04P10,B
P3002AA	2 * TPA120A18	P4KE13,C	BZW04P11,B
P3002AB	2 * TPB120A18	P4KE15,C	BZW04P13,B
P3300AA	TPA270A18	P4KE16,C	BZW04P14,B
P4KA6.8,C	BZW04P5V8,B	P4KE18,C	BZW04P15,B
P4KA7.5,C	BZW04P6V4,B	P4KE20,C	BZW04P17,B
P4KA8.2,C	BZW04P7V0,B	P4KE22,C	BZW04P19,B
P4KA9.1,C	BZW04P7V8,B	P4KE24,C	BZW04P20,B
P4KA10,C	BZW04P8V5,B	P4KE27,C	BZW04P23,B
P4KA11,C	BZW04P9V4,B	P4KE30,C	BZW04P26,B
P4KA12,C	BZW04P10,B	P4KE33,C	BZW04P28,B
P4KA13,C	BZW04P11,B	P4KE36,C	BZW04P31,B
P4KA15,C	BZW04P13,B	P4KE39,C	BZW04P33,B
P4KA16,C	BZW04P14,B	P4KE43,C	BZW04P37,B
P4KA18,C	BZW04P15,B	P4KE47,C	BZW04P40,B
P4KA20,C	BZW04P17,B	P4KE51,C	BZW04P44,B
P4KA22,C	BZW04P19,B	P4KE56,C	BZW04P48,B
P4KA24,C	BZW04P20,B	P4KE62,C	BZW04P53,B
P4KA27,C	BZW04P23,B	P4KE68,C	BZW04P58,B
P4KA30,C	BZW04P26,B	P4KE75,C	BZW04P64,B
P4KA33,C	BZW04P28,B	P4KE82,C	BZW04P70,B
P4KA36,C	BZW04P31,B	P4KE91,C	BZW04P78,B
P4KA39,C	BZW04P33,B	P4KE100,C	BZW04P85,B
P4KA43,C	BZW04P37,B	P4KE110,C	BZW04P94,B
P4KA6.8A,CA	BZW04-5V8,B	P4KE120,C	BZW04P102,B
P4KA7.5A,CA	BZW04-6V4,B	P4KE130,C	BZW04P111,B
P4KA8.2A,CA	BZW04-7V0,B	P4KE150,C	BZW04P128,B
P4KA9.1A,CA	BZW04-7V8,B	P4KE160,C	BZW04P136,B
P4KA10A,CA	BZW04-8V5,B	P4KE170,C	BZW04P145,B
P4KA11A,CA	BZW04-9V4,B	P4KE180,C	BZW04P154,B
P4KA12A,CA	BZW04-10,B	P4KE200,C	BZW04P171,B
P4KA13A,CA	BZW04-11,B	P4KE220,C	BZW04P188,B
P4KA15A,CA	BZW04-13,B	P4KE250,C	BZW04P213,B
P4KA16A,CA	BZW04-14,B	P4KE300,C	BZW04P256,B
P4KA18A,CA	BZW04-15,B	P4KE350,C	BZW04P299,B
P4KA20A,CA	BZW04-17,B	P4KE400,C	BZW04P342,B
P4KA22A,CA	BZW04-19,B	P4KE6.8A,CA	BZW04-5V8,B
P4KA24A,CA	BZW04-20,B	P4KE7.5A,CA	BZW04-6V4,B
P4KA27A,CA	BZW04-23,B	P4KE8.2A,CA	BZW04-7V0,B
P4KA30A,CA	BZW04-26,B	P4KE9.1A,CA	BZW04-7V8,B
P4KA33A,CA	BZW04-28,B	P4KE10A,CA	BZW04-8V5,B
P4KA36A,CA	BZW04-31,B	P4KE11A,CA	BZW04-9V4,B
P4KA39A,CA	BZW04-33,B	P4KE12A,CA	BZW04-10,B
P4KA43A,CA	BZW04-37,B	P4KE13A,CA	BZW04-11,B
P4KE6.8,C	BZW04P5V8,B	P4KE15A,CA	BZW04-13,B
P4KE7.5,C	BZW04P6V4,B	P4KE16A,CA	BZW04-14,B
P4KE8.2,C	BZW04P7V0,B	P4KE18A,CA	BZW04-15,B

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
P4KE20A,CA	BZW04-17,B	P5KE22,A	P6KE27P,A
P4KE22A,CA	BZW04-19,B	P5KE24,A	P6KE27P,A
P4KE24A,CA	BZW04-20,B	P5KE26,A	P6KE30P,A
P4KE27A,CA	BZW04-23,B	P5KE28,A	P6KE33P,A
P4KE30A,CA	BZW04-26,B	P5KE30,A	P6KE36P,A
P4KE33A,CA	BZW04-28,B	P5KE33,A	P6KE39P,A
P4KE36A,CA	BZW04-31,B	P5KE36,A	P6KE43P,A
P4KE39A,CA	BZW04-33,B	P5KE40,A	P6KE47P,A
P4KE43A,CA	BZW04-37,B	P5KE43,A	P6KE51P,A
P4KE47A,CA	BZW04-40,B	P5KE45,A	P6KE51P,A
P4KE51A,CA	BZW04-44,B	P5KE48,A	P6KE56P,A
P4KE56A,CA	BZW04-48,B	P5KE51,A	P6KE62P,A
P4KE62A,CA	BZW04-53,B	P5KE54,A	P6KE62P,A
P4KE68A,CA	BZW04-58,B	P5KE58,A	P6KE68P,A
P4KE75A,CA	BZW04-64,B	P5KE60,A	P6KE68P,A
P4KE82A,CA	BZW04-70,B	P5KE64,A	P6KE75P,A
P4KE91A,CA	BZW04-78,B	P5KE70,A	P6KE82P,A
P4KE100A,CA	BZW04-85,B	P5KE75,A	P6KE91P,A
P4KE110A,CA	BZW04-94,B	P5KE78,A	P6KE91P,A
P4KE120A,CA	BZW04-102,B	P5KE85,A	P6KE100P,A
P4KE130A,CA	BZW04-111,B	P5KE90,A	P6KE110P,A
P4KE150A,CA	BZW04-128,B	P5KE100,A	P6KE120P,A
P4KE160A,CA	BZW04-136,B	P5KE110,A	P6KE130P,A
P4KE170A,CA	BZW04-145,B	P5KE120,A	P6KE150P,A
P4KE180A,CA	BZW04-154,B	P5KE130,A	P6KE150P,A
P4KE200A,CA	BZW04-171,B	P5KE150,A	P6KE180P,A
P4KE220A,CA	BZW04-188,B	P5KE160,A	P6KE180P,A
P4KE250A,CA	BZW04-213,B	P5KE170,A	P6KE200P,A
P4KE300A,CA	BZW04-256,B	P5KE5.0C,CA	P6KE6V8CP,CA
P4KE350A,CA	BZW04-299,B	P5KE6.0C,CA	P6KE6V8CP,CA
P4KE400A,CA	BZW04-342,B	P5KE6.5C,CA	P6KE7V5CP,CA
P4802AB	2 * TPB200B18	P5KE7.0C,CA	P6KE8V2CP,CA
P5KE5.0,A	P6KE6V8P,A	P5KE7.5C,CA	P6KE9V1CP,CA
P5KE6.0,A	P6KE6V8P,A	P5KE8.0C,CA	P6KE9V1CP,CA
P5KE6.5,A	P6KE7V5P,A	P5KE8.5C,CA	P6KE10CP,CA
P5KE7.0,A	P6KE8V2P,A	P5KE9.0C,CA	P6KE11CP,CA
P5KE7.5,A	P6KE9V1P,A	P5KE10C,CA	P6KE12CP,CA
P5KE8.0,A	P6KE9V1P,A	P5KE11C,CA	P6KE13CP,CA
P5KE8.5,A	P6KE10P,A	P5KE12C,CA	P6KE15CP,CA
P5KE9.0,A	P6KE11P,A	P5KE13C,CA	P6KE15CP,CA
P5KE10,A	P6KE12P,A	P5KE14C,CA	P6KE16CP,CA
P5KE11,A	P6KE13P,A	P5KE15C,CA	P6KE18CP,CA
P5KE12,A	P6KE15P,A	P5KE16C,CA	P6KE18CP,CA
P5KE13,A	P6KE15P,A	P5KE17C,CA	P6KE20CP,CA
P5KE14,A	P6KE16P,A	P5KE18C,CA	P6KE22CP,CA
P5KE15,A	P6KE18P,A	P5KE20C,CA	P6KE25CP,CA
P5KE16,A	P6KE18P,A	P5KE22C,CA	P6KE27CP,CA
P5KE17,A	P6KE20P,A	P5KE24C,CA	P6KE27CP,CA
P5KE18,A	P6KE22P,A	P5KE26C,CA	P6KE30CP,CA
P5KE20,A	P6KE25P,A	P5KE28C,CA	P6KE33CP,CA

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
P5KE30C,CA P5KE33C,CA P5KE36C,CA P5KE40C,CA P5KE43C,CA P5KE45C,CA P5KE48C,CA P5KE51C,CA P5KE54C,CA P5KE58C,CA P5KE60C,CA P5KE64C,CA P5KE70C,CA P5KE75C,CA P5KE78C,CA P5KE85C,CA P5KE90C,CA P5KE100C,CA P5KE110C,CA P5KE120C,CA P5KE130C,CA P5KE150C,CA P5KE160C,CA P5KE170C,CA P6002AB P6KA6.8,A ↓ P6KA43,A P6KA6.8C,CA ↓ P6KA43C,CA P6KE6V8,A ↓ P6KE440,A P6KE6V8C,CA ↓ P6KE440C,CA P6SMB6.8A ↓ P6SMB200A P7KE10,C ↓ P7KE100,C P7T-10,B	P6KE36CP,CA P6KE39CP,CA P6KE43CP,CA P6KE47CP,CA P6KE51CP,CA P6KE51CP,CA P6KE56CP,CA P6KE62CP,CA P6KE62CP,CA P6KE68CP,CA P6KE68CP,CA P6KE75CP,CA P6KE82CP,CA P6KE91CP,CA P6KE91CP,CA P6KE100CP,CA P6KE110CP,CA P6KE120CP,CA P6KE130CP,CA P6KE150CP,CA P6KE150CP,CA P6KE180CP,CA P6KE180CP,CA P6KE200CP,CA 2 * TPB240A18 P6KE6V8P,A ↓ P6KE43P,A P6KE6V8CP,CA ↓ P6KE43CP,CA P6KE6V8P,A ↓ P6KE440P,A P6KE6V8CP,CA ↓ P6KE440CP,CA SM6T6V8A ↓ SM6T200A P7T-10,B ↓ P7T-110,B P7T-10,B	P7T-27,B P7T-43,B P7T-110,B RBO08-40 RBO40-40 S5KP10,C ↓ S5KP100,C SA5.0,A SA6.0,A SA6.5,A SA7.0,A SA7.5,A SA8.0,A SA8.5,A SA9.0,A SA10,A SA11,A SA12,A SA13,A SA14,A SA15,A SA16,A SA17,A SA18,A SA20,A SA22,A SA24,A SA26,A SA28,A SA30,A SA33,A SA36,A SA40,A SA43,A SA45,A SA48,A SA51,A SA54,A SA58,A SA60,A SA64,A SA70,A SA75,A SA78,A SA85,A SA90,A SA100,A SA110,A	P7T-27,B P7T-43,B P7T-110,B RBO08-40 RBO40-40 BZW50-10,B ↓ BZW50-100,B P6KE6V8P,A P6KE6V8P,A P6KE7V5P,A P6KE8V2P,A P6KE9V1P,A P6KE9V1P,A P6KE10P,A P6KE11P,A P6KE12P,A P6KE13P,A P6KE15P,A P6KE15P,A P6KE16P,A P6KE18P,A P6KE18P,A P6KE20P,A P6KE22P,A P6KE25P,A P6KE27P,A P6KE27P,A P6KE30P,A P6KE33P,A P6KE36P,A P6KE39P,A P6KE43P,A P6KE47P,A P6KE51P,A P6KE51P,A P6KE56P,A P6KE62P,A P6KE62P,A P6KE68P,A P6KE68P,A P6KE75P,A P6KE82P,A P6KE91P,A P6KE91P,A P6KE100P,A P6KE110P,A P6KE120P,A P6KE130P,A



**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
SMBJ26C,CA	SM6T30C,CA	THBT15011	THBT15011
SMBJ33C,CA	SM6T39C,CA	THBT15012	THBT15012
SMCJ6.0,A	SM15T6V8,A	THBT20011	THBT20011
SMCJ6.5,A	SM15T7V5,A	THBT20012	THBT20012
SMCJ8.5,A	SM15T10,A	THBT27011	THBT27011
SMCJ10,A	SM15T12,A	THBT27012	THBT27012
SMCJ13,A	SM15T15,A	THDT58S	THDT58S
SMCJ16,A	SM15T18,A	THDT5111	THDT5111
SMCJ24,A	SM15T27,A	THDT5112	THDT5112
SMCJ26,A	SM15T30,A	THDT6511	THDT6511
SMCJ28,A	SM15T33,A	THDT6512	THDT6512
SMCJ33,A	SM15T39,A	TISP1082	THDT58S
SMCJ58,A	SM15T68,A	TISP3290	THBT200S
SMCJ60,A	SM15T68,A	TISP4082	TPB62A12
SMCJ85,A	SM15T100,A	TISP4180	TPB150B12
SMCJ130,A	SM15T150,A	TISP5160	TPA120A12
SMCJ170,A	SM15T200,A	TISP5180	TPA150A12
SMCJ6.5C,CA	SM15T7V5C,CA	TISP5290	TPA200A12
SMCJ8.5C,CA	SM15T10C,CA	TISP8290	THBT200S
SMCJ10C,CA	SM15T12C,CA	TISP9180	TPA150A12
SMCJ24C,CA	SM15T27C,CA	TISP9290	TPA200A12
SMCJ26C,CA	SM15T30C,CA	TM1030	LCP1511
SMCJ33C,CA	SM15T39C,CA	TM1060	LCP1511
SMLVT3V3	SMLVT3V3	TPA62A12,A18	TPA62A12,A18
SMTHBT200	SMTHBT200	↓	↓
SMTHDT58	SMTHDT58	TPA270A12,A18	TPA270A12,A18
SMTHDT80	SMTHDT80	TPA62B12,B18	TPA62B12,B18
SMTHDT120	SMTHDT120	↓	↓
SMTPA62A12,A18	SMTPA62A12,A18	TPA270B12,B18	TPA270B12,B18
↓	↓	TPB62A12,A18	TP62A12,A18
SMTPA270A12,A18	SMTPA270A12,A18	↓	↓
SMTPA62B12,B18	SMTPA62B12,B18	TPB270A12,A18	TPB270A12,A18
↓	↓	TPB62B12,B18	TPB62B12,B18
SMTPA270B12,B18	SMTPA270B12,B18	↓	↓
SMTPB62A12,A18	SMTPB62A12,A18	TPB270B12,B18	TPB270B12,B18
↓	↓	TPI8011	TPI8011
SMTPB270A12,A18	SMTPB270A12,A18	TPI8012	TPI8012
SMTPB62B12,B18	SMTPB62B12,B18	TPI12011	TPI12011
↓	↓	TPI12012	TPI12012
SMTPB270B12,B18	SMTPB270B12,B18	TPP25011	TPP25011
SMTPU58	SMTPU58	TPP25012	TPP25012
SMTPU80	SMTPU80	TPU58	TPU58
SMTPU120	SMTPU120	TPU80	TPU80
TCM1030	LCP1512	TPU120	TPU120
TCM1060	LCP1512	TVS005	P6KE6V8A
THBT200S	THBT200S	↓	↓

**PROTECTION DEVICES**

INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT	INDUSTRY PART NUMBER	SGS-THOMSON REPLACEMENT
TVS528 ZP1006,A ↓ ZP1400,A ZP2006,A ↓ ZP2275,A ZP3012A ↓ FP3200A ZP5027S ZP5028S ZP5030S ZZ-16 ZZ-36 ZZ-62 ZZ-160 ZZY-16 ZZY-36 ZZY-62 ZZY-160	P6KE33A P6KE6V8P,A ↓ P6KE400P,A 1.5KE6V8P,A ↓ 1.5KE400P,A BZW50-10 ↓ BZW50-180 LDP24AS LDP24AS LDP24AS P7T-10,B P7T-27,B P7T-43,B P7T-110,B P7T-10,B P7T-27,B P7T-43,B P7T-110,B		