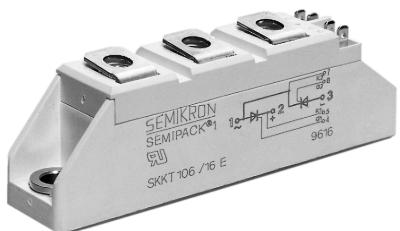


V _{RSM} V	V _{RRM} V _{DRM}	(dv/ dt) _{cr} V/μs	I _{TRMS} (maximum value for continuous operation)			
			75 A			
			I _{TAV} (sin. 180; T _{case} = 68 °C)			
			48 A			
500	400	500	—	—	SKKH 41/04 D	—
700	600	500	SKKT 41/06 D	SKKT 42/06 D	SKKH 41/06 D	SKKH 42/06 D
900	800	500	SKKT 41/08 D	SKKT 42/08 D ¹⁾	SKKH 41/08 D	SKKH 42/08 D
1300	1200	1000	SKKT 41/12 E	SKKT 42/12 E ¹⁾	SKKH 41/12 E	SKKH 42/12 E
1500	1400	1000	SKKT 41/14 E	SKKT 42/14 E ¹⁾	SKKH 41/14 E	SKKH 42/14 E
1700	1600	1000	SKKT 41/16 E	SKKT 42/16 E ¹⁾	SKKH 41/16 E	SKKH 42/16 E
1900	1800	1000	SKKT 41/18 E	SKKT 42/18 E ¹⁾	SKKH 41/18 E	SKKH 42/18 E

SEMIPACK® 1 Thyristor / Diode Modules

SKKT 41 SKKH 41
 SKKT 42 SKKH 42
 SKKT 42B SKKL 42²⁾



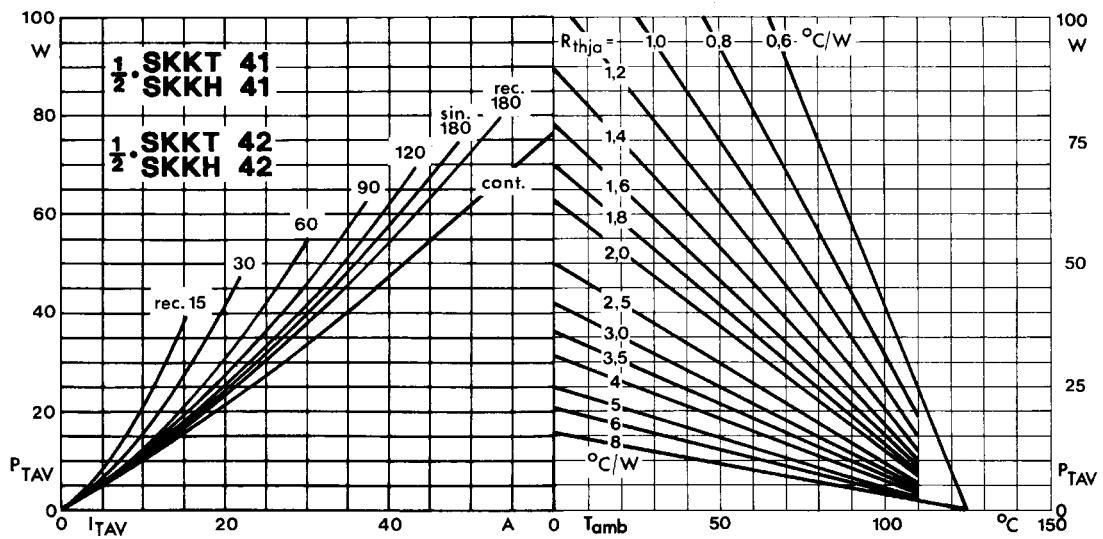


Fig. 1 Power dissipation per thyristor vs. on-state current and ambient temperature

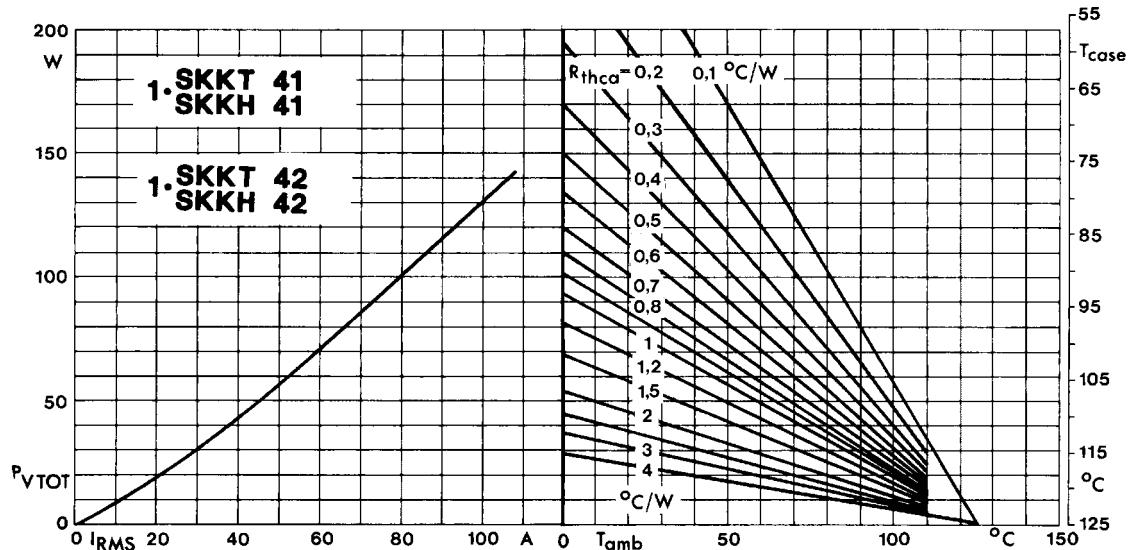


Fig. 2 Power dissipation per module vs. rms current and case temperature

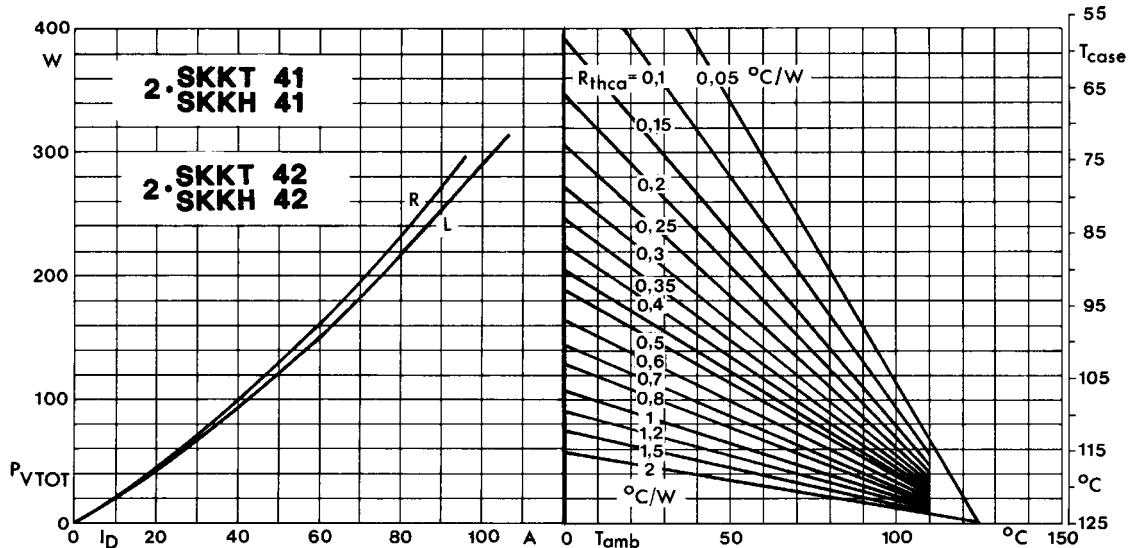


Fig. 3 Power dissipation of two modules vs. direct current and case temperature

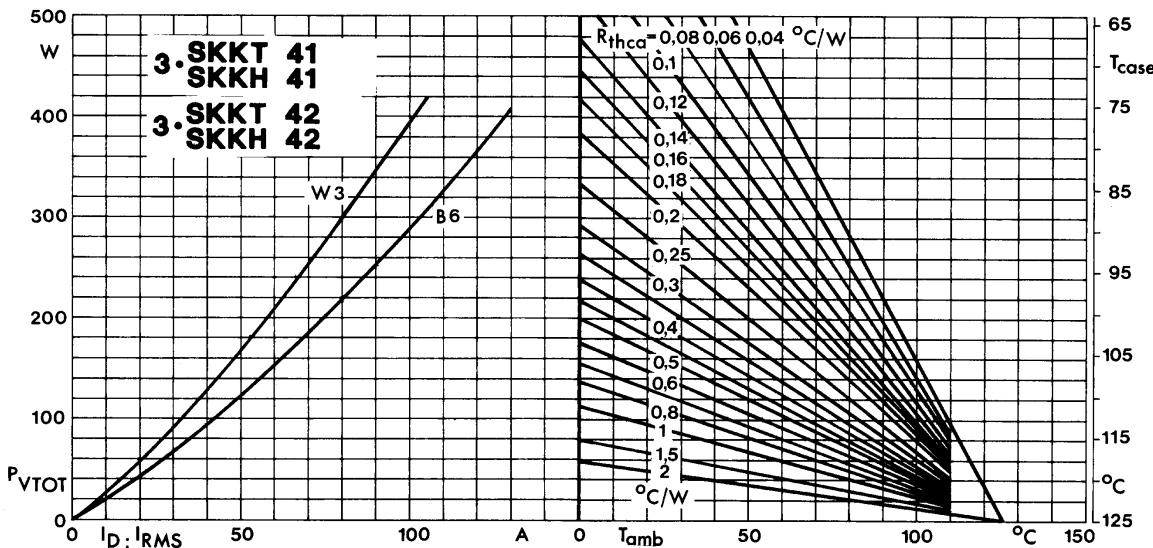


Fig. 4 Power dissipation of three modules vs. direct and rms current and case temperature

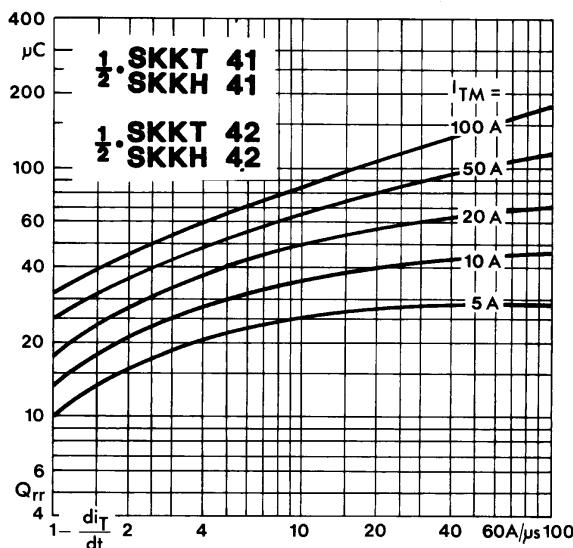


Fig. 5 Recovered charge vs. current decrease

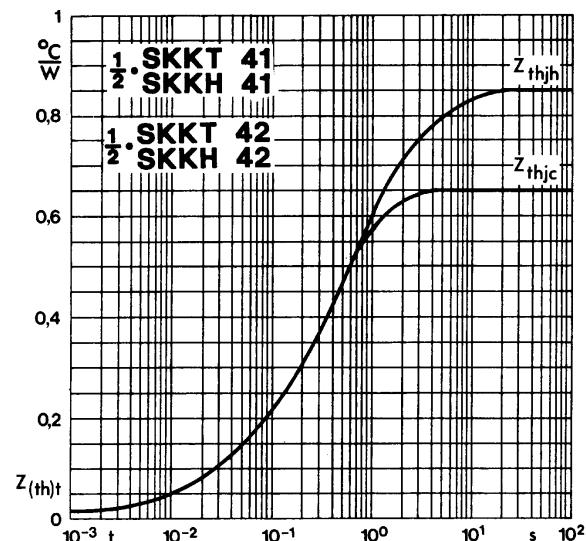


Fig. 6 Transient thermal impedance vs. time

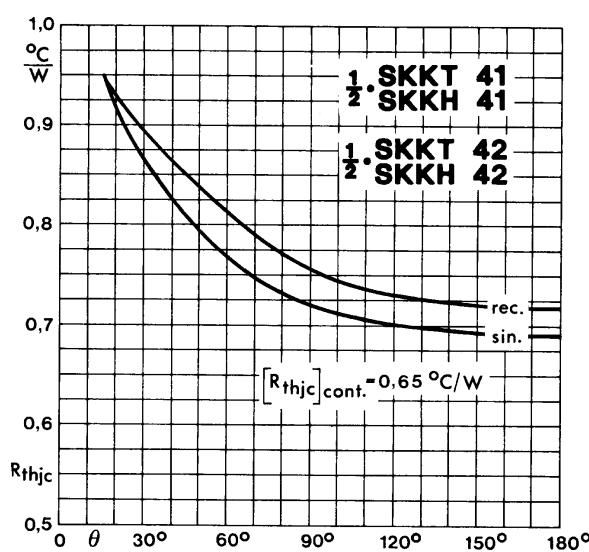


Fig. 7 Thermal resistance vs. conduction angle

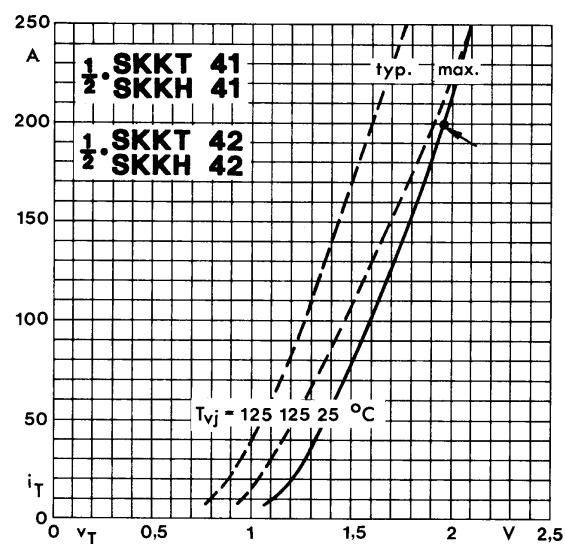


Fig. 8 On-state characteristics

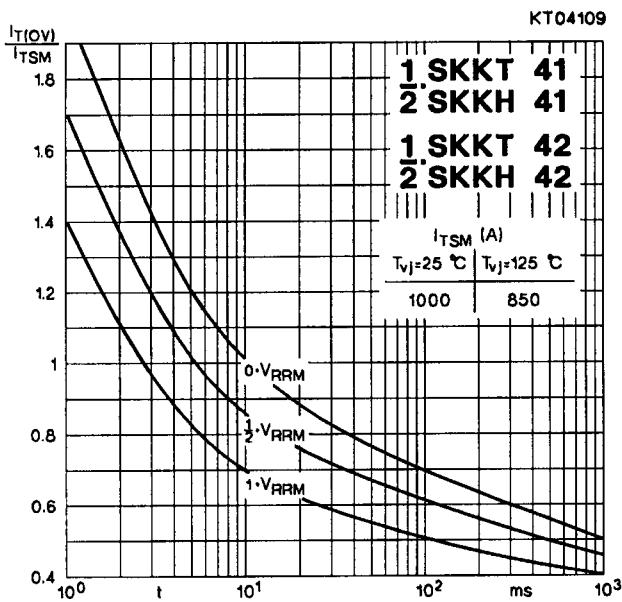


Fig. 9 Surge overload current vs. time

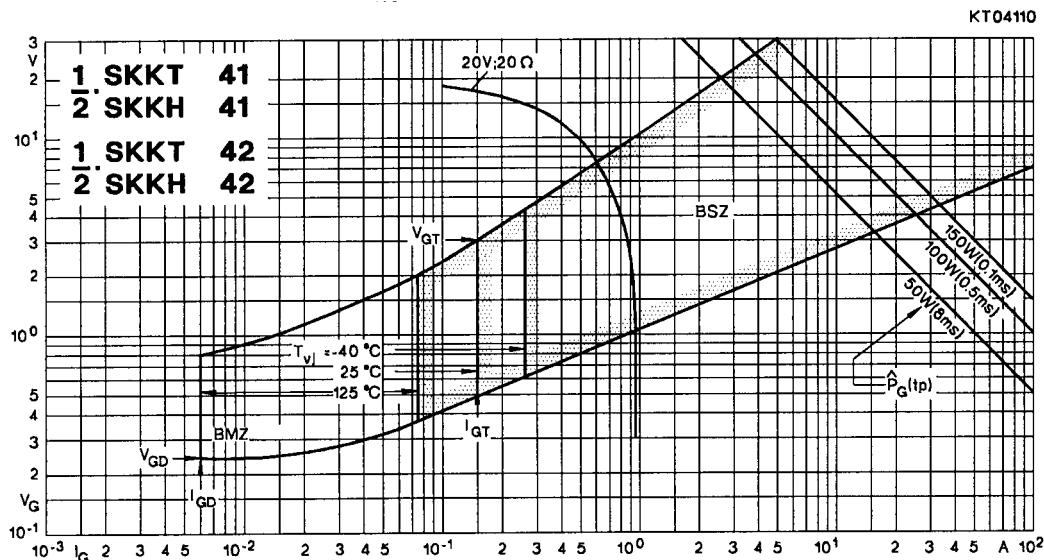
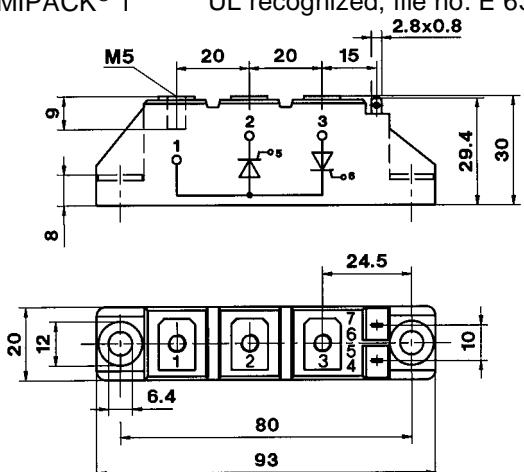
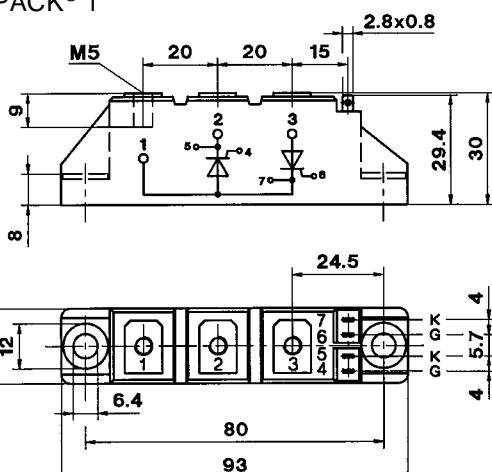
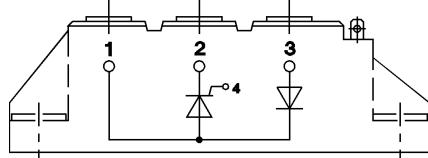
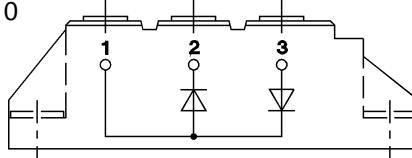
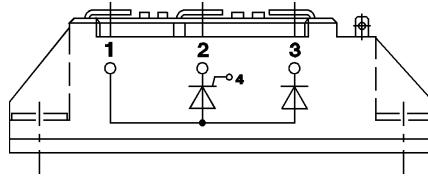
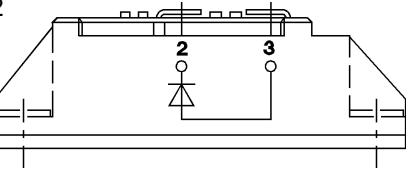
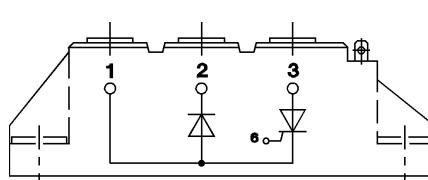
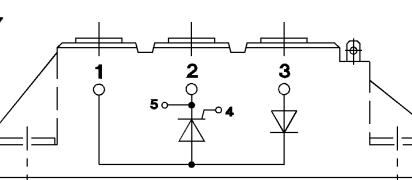
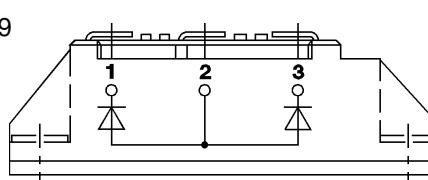
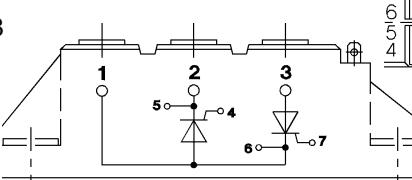
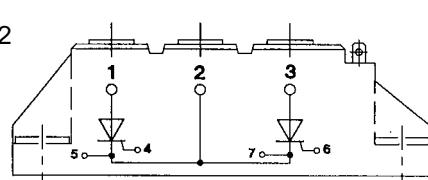


Fig. 10 Gate trigger characteristics

<p>SKKT 19 ... 105 Case A 5 IEC 192-2: A 77 A JEDEC: TO-240 AA SEMIPACK® 1 UL recognized, file no. E 63 532</p>  <p>Dimensions in mm</p>	<p>SKKT 20/ ... 106/ Case A 46 IEC 192-2: A 77 A JEDEC: TO-240 AA SEMIPACK® 1</p>  <p>Dimensions in mm</p>
<p>SKKH 26 ... 105 Case A 6</p> 	<p>SKKD 26 ... 100 Case A 10</p> 
<p>SKNH 56 ... 91 Case A 7</p> 	<p>SKKE 81 Case A 12</p> 
<p>SKKL 56 ... 105 Case A 9</p> 	<p>SKKH 27 ... 106 Case A 47</p> 
<p>SKND 46 ... 81 Case A 19</p> 	<p>SKKT 20 B ... 106 B Case A 48</p> 
<p>SKMT 92 Case A 72</p> 	<p>SKKL 42 ... 106 Case A 59</p> 