

SKT 240, SKT 340

*	*	+,- . /	+) 0 1) , ! 1 \$ (% / % 1 % 1 \$ % 2 % .
			3 4
*	*	* - μ\$	* + \$ ' 5 6 / \$ 7 ' ' 6 8 .
			5 + 3 98. : + : 4 98.
:			
;	5		
	&		
:			
4	3		
;	5		

*	\$ ' 5 6 + / \$ 7 ' ' 6 8	&		
		+ ; &	+ 5 &	98
&	< 7 & : 986) \$ < 7 & : 986) \$ < 7 & : 986 5 = ") \$ < 7 & : 986 5 = ") \$:	:	\$ \$
		:	:	\$ \$
>	< 7 & : 98 ? 7 ? - 7 - μ\$		2'	μ\$
>	* 7 = 34 ' *		2' &	μ\$
+ - . /	(7 : " 3 @ C		& :	- μ\$
@	< 7 & : 986 2') 0'	:	-)
A	< 7 & : 986 2') 0'	= -		
B	< 7 & : 986 2'	: " :		μ\$
*	< 7 & : 986 7 6) 0'	& =	= :	*
* + .	< 7 & : 98	=	=	*
	< 7 & : 98	=	= :) Ω
6	< 7 & : 986 * 7 * * 7 *)
* ?	< 7 & : 98		&	*
? ?	< 7 & : 98		:)
* ?	< 7 & : 98		= & :	*
? ?	< 7 & : 98)
# < /	/ % ' 6 8 \$ ' 5 6 8 - 8 ' / & 6 8 - 8		= 4	98-E
##	8 - 8		= 4 & - = :	98-E
<			= 5 - = 35	98-E
\$ >			= & - =	98-E
			" D & :	98
			" D	98
F	1 \$ G 1 \$		" :	! \$'
			; " 3	>
8 \$	→ 2 > &		5	

H @) /) ! / \$ \$ F #
/) / \$! % \$
H 8 2 \$! 2 / > \$ (% % 1 !
\$ / % % ! >
H # ! ! % F \$ > F # \$ > !
\$ / % % ! >
H % ! \$ / \$ \$
H (" \$, \$, % ! > \$
12 % 5 *

! " # ! ! "
H 8) % % / % % !
+ ' > ' (%) / # % % ! \$.
H 8 % % ! ! / (\$
+ ' > ' (% / # > > .
H 8 / % % ! ! \$
+ ' > ' (%) 2 1 / % % ! .

! " # \$ % & " ' ()

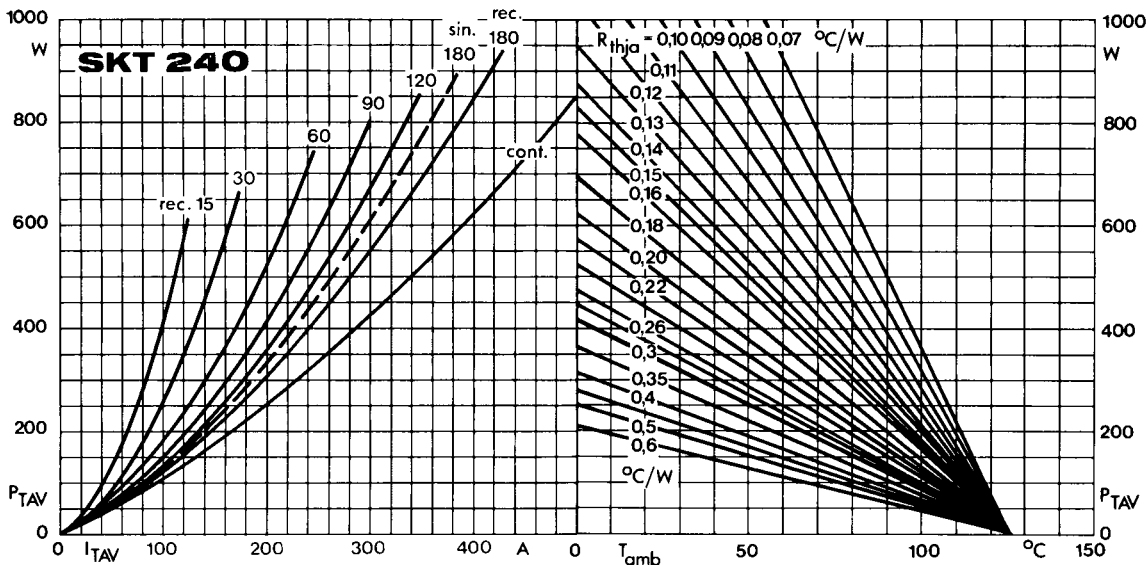


Fig. 1 a Power dissipation vs. on-state current and ambient temperature

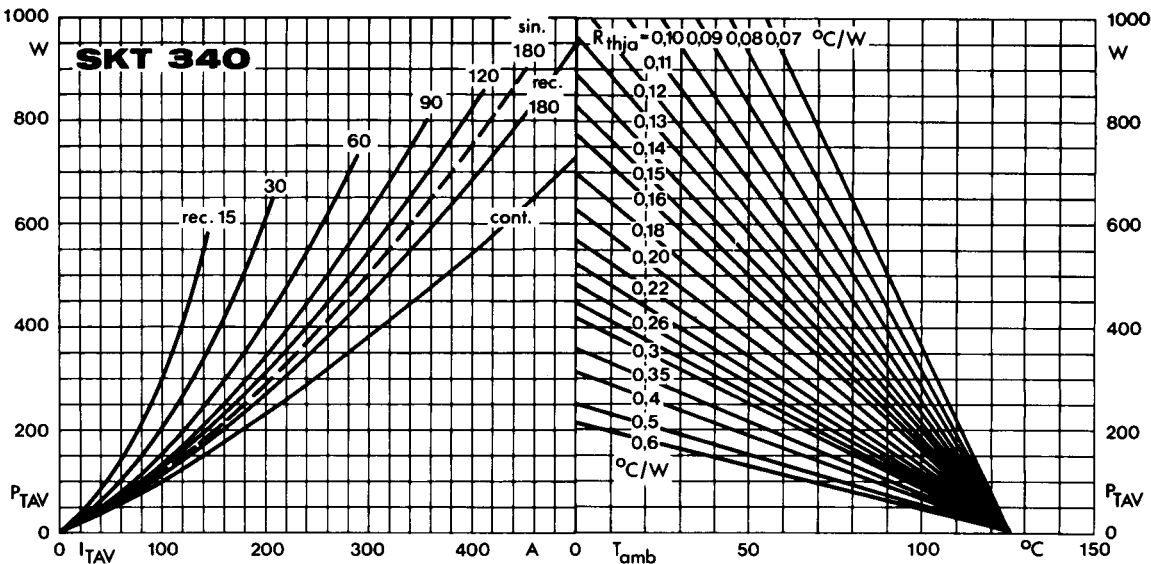


Fig. 1 b Power dissipation vs. on-state current and ambient temperature

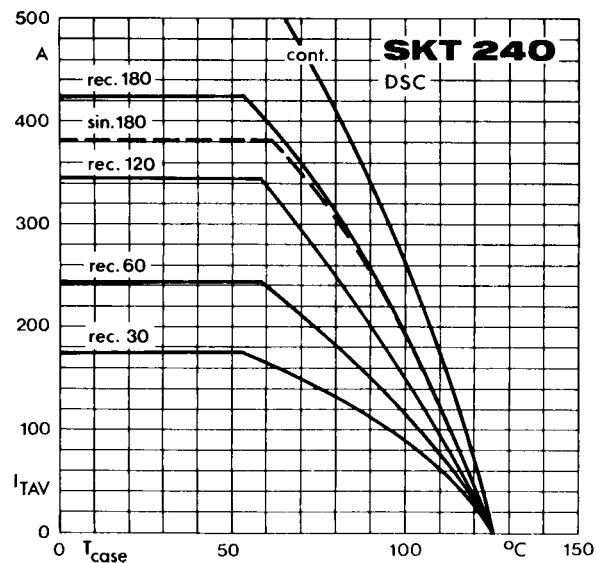


Fig. 2 a Rated on-state current vs. case temperature

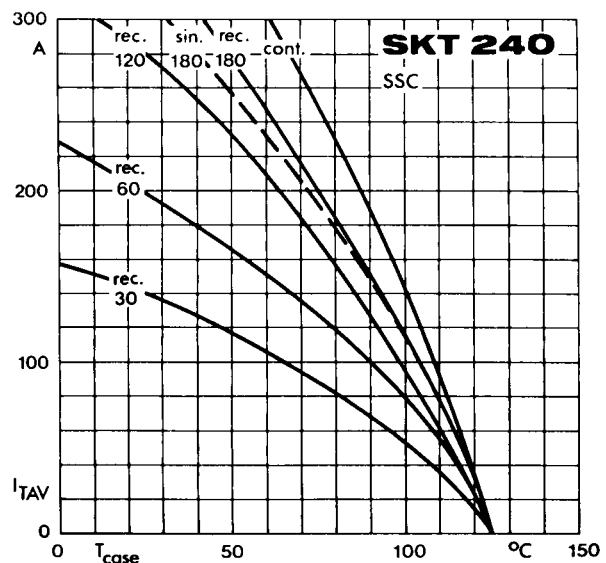


Fig. 2 b Rated on-state current vs. case temperature

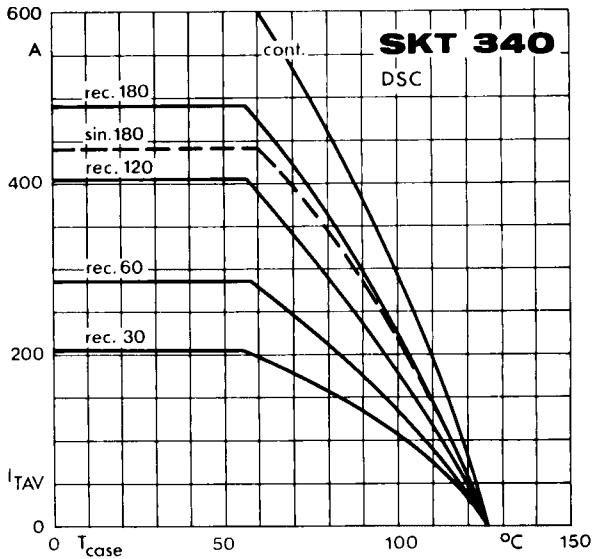


Fig. 2 c Rated on-state current vs. case temperature

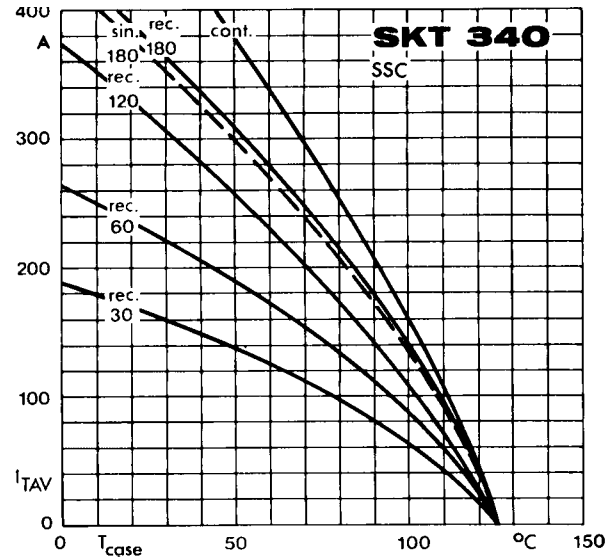


Fig. 2 d Rated on-state current vs. case temperature

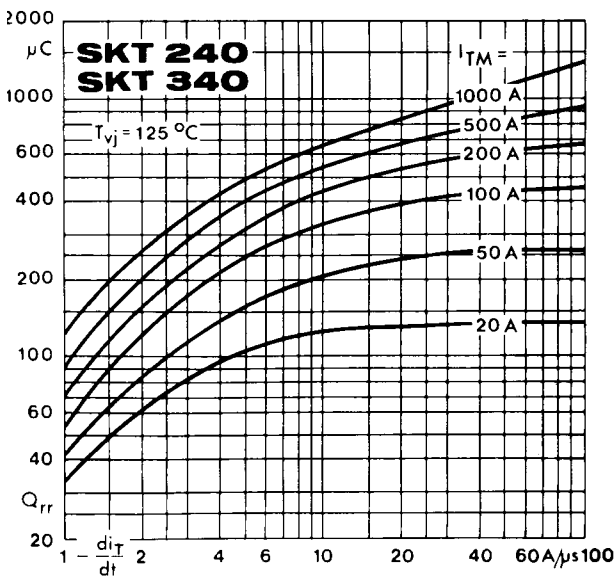


Fig. 3 Recovered charge vs. current decrease

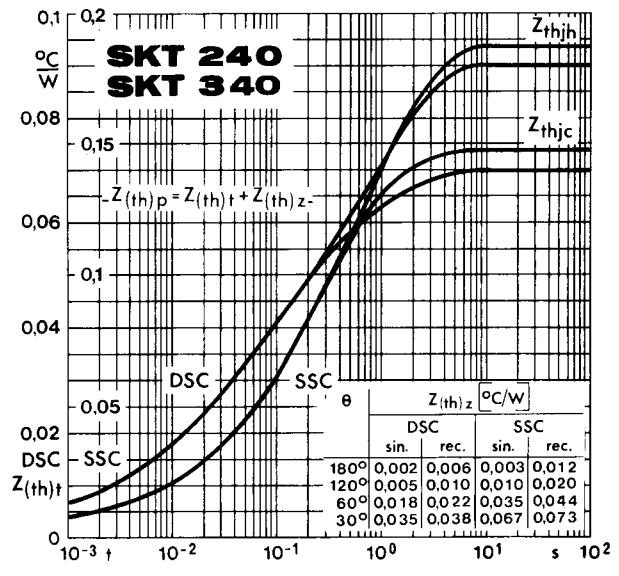


Fig. 4 Transient thermal impedance vs. time

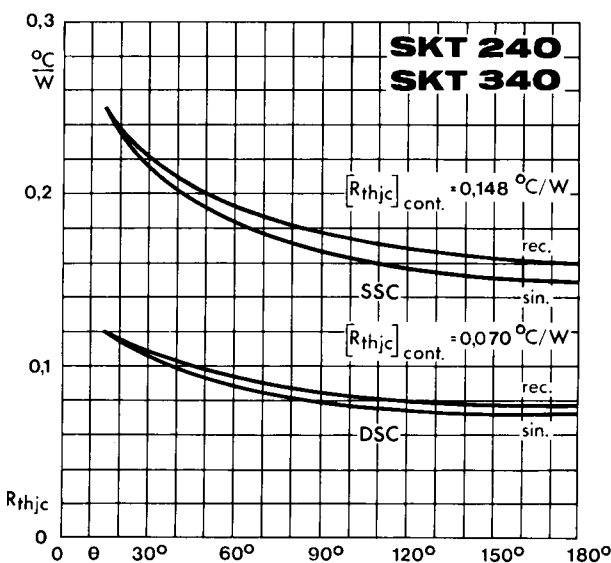


Fig. 5 Thermal resistance vs. conduction angle

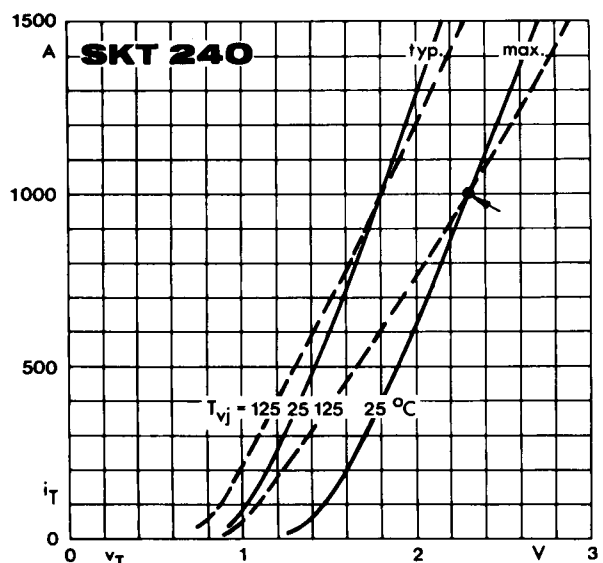


Fig. 6 a On-state characteristics

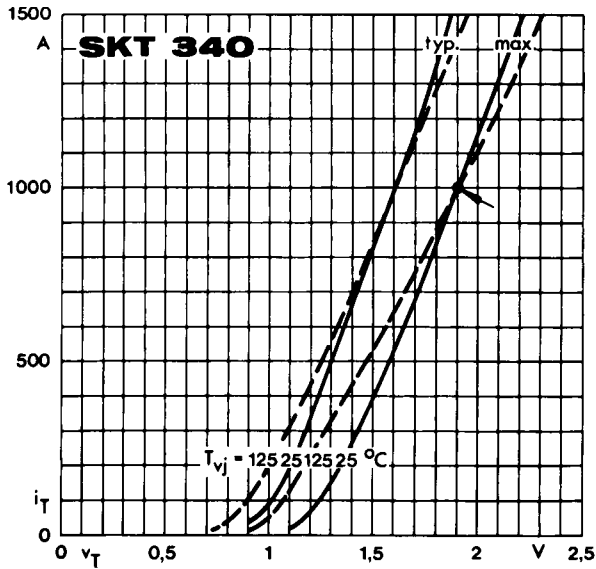


Fig. 6 b On-state characteristics

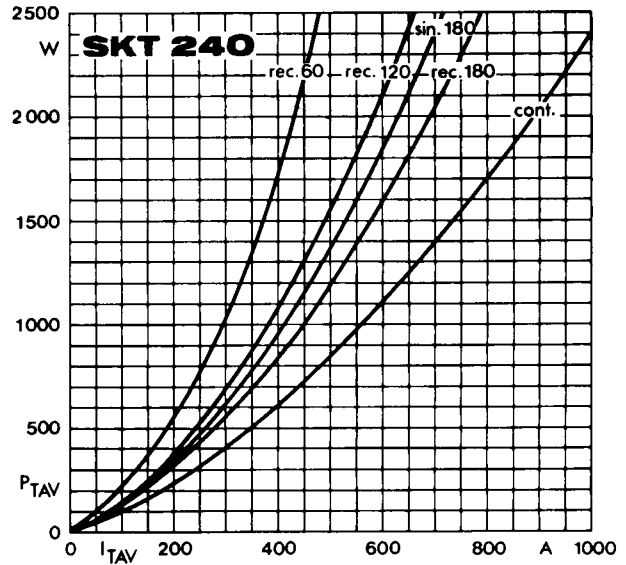


Fig. 7 a Power dissipation vs. on-state current

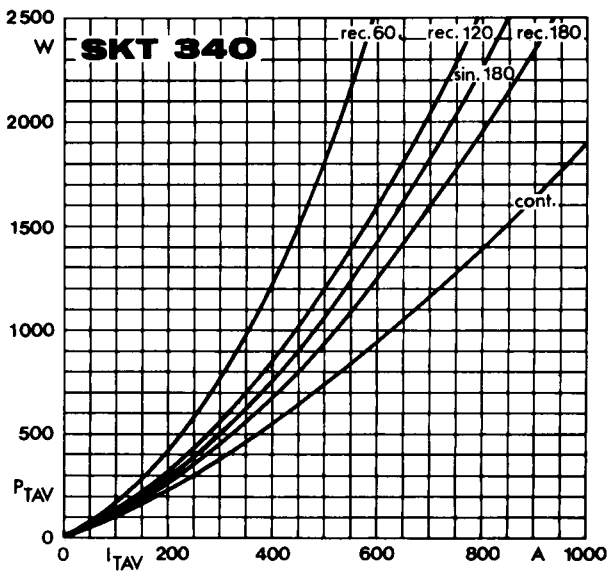


Fig. 7 b Power dissipation vs. on-state current

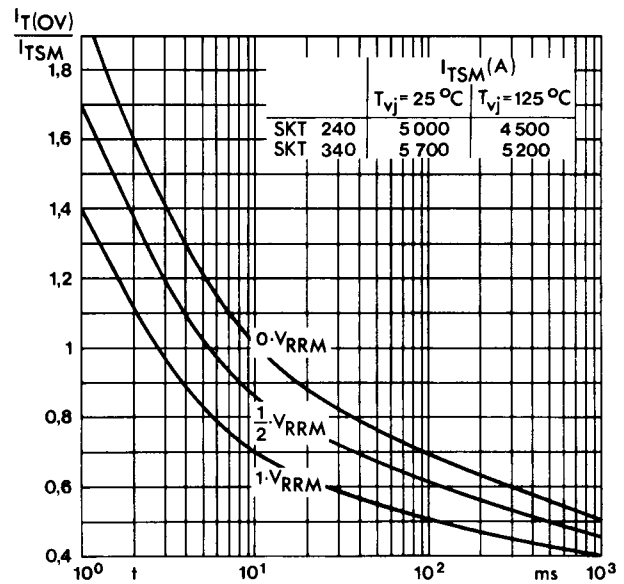


Fig. 8 Surge overload current vs. time

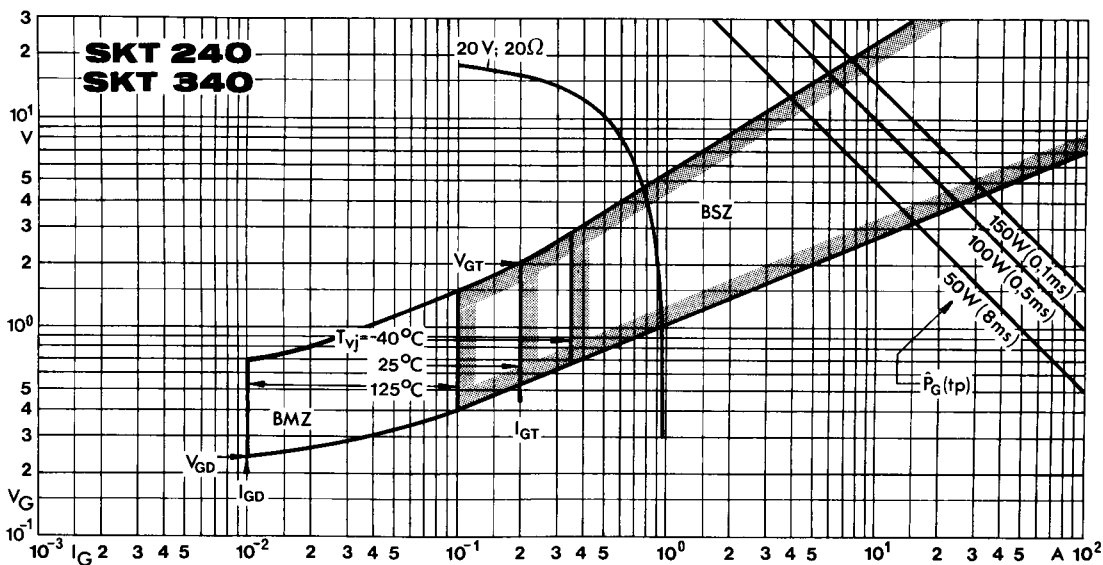
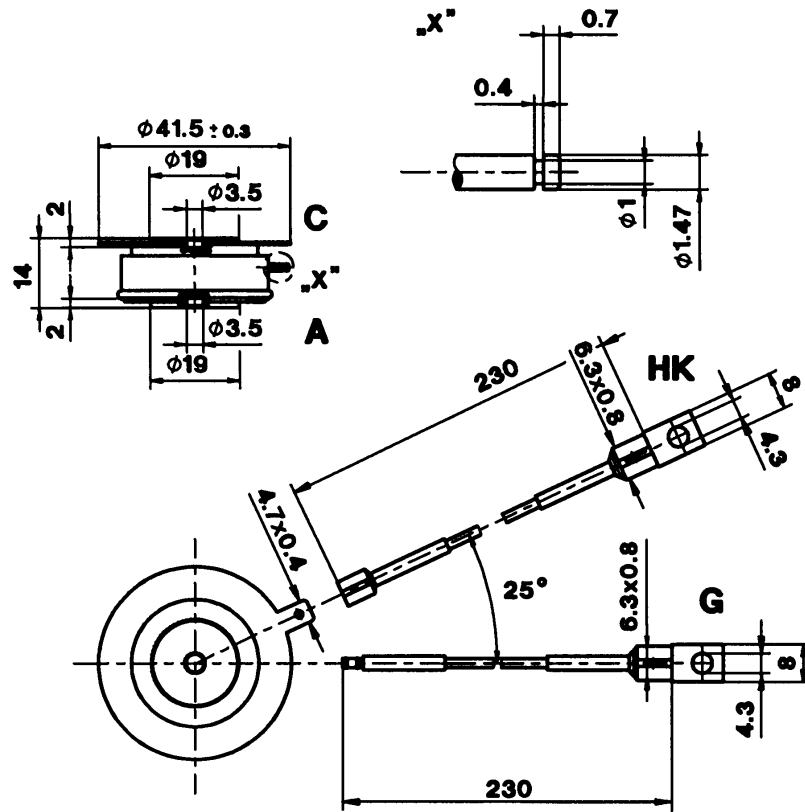


Fig. 9 Gate trigger characteristics

SKT 240
SKT 340

Case B 8

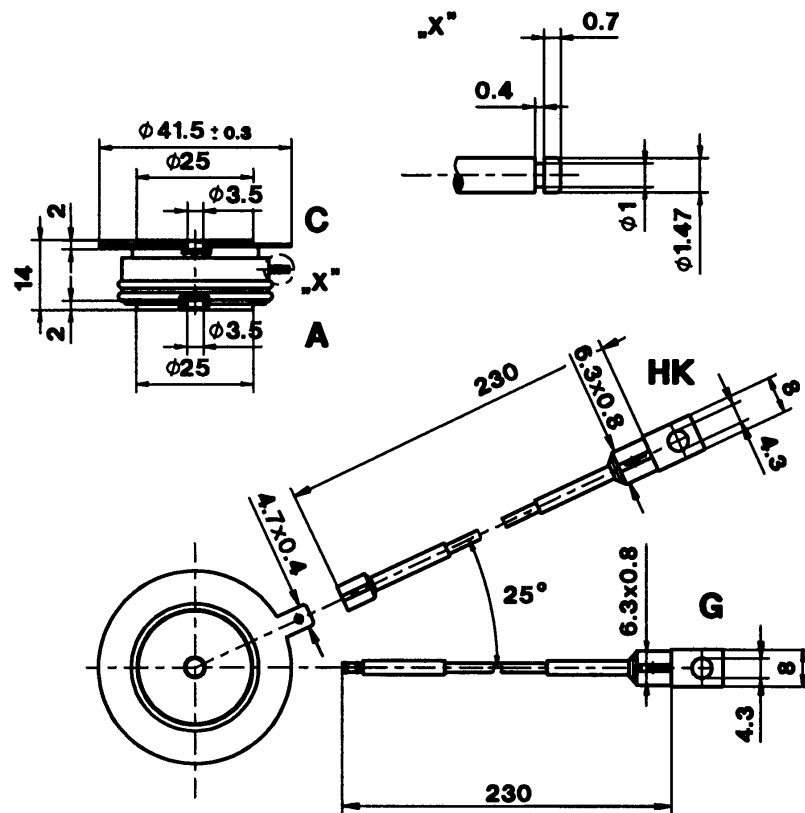
DIN 41814: 151 A 4
JEDEC: TO-200 AB



SKT 491
SKT 551

Case B 11

DIN 41814: 152 A 4
JEDEC: TO-200 AB



- C: Cathode terminal (red sleeve)
- A: Anode terminal
- G: Gate terminal (yellow sleeve)
- HK: Auxiliary cathode terminal (red sleeve)

Dimensions in mm