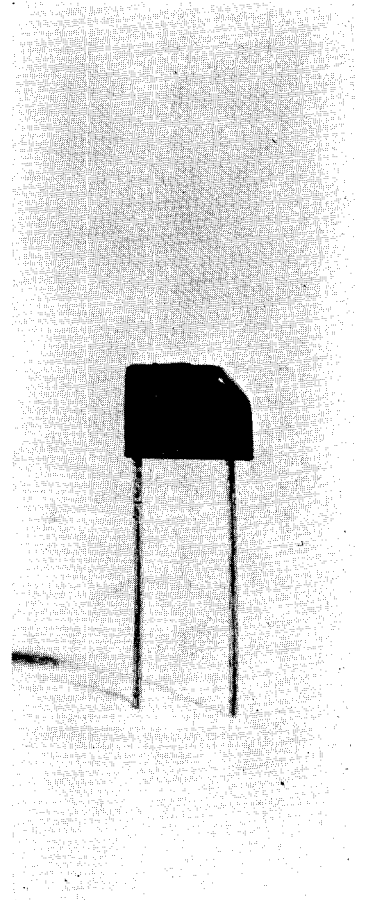


	SKS 1/02	SKS 1/06	SKS 1/10	SKS 1/12
V_{RSM}	400 V	800 V	1250 V	1500 V
V_{RRM}	400 V	800 V	1250 V	1500 V
I_{FAV}	$(T_{amb} = 45\text{ °C, sin. } 180\text{ °el})$		1,4 A	
I_{FRMS}			7 A	
I_{FCL}	$(T_{amb} = 45\text{ °C})$		1,2 A	
I_{FSM}	$(T_{vj} = 25\text{ °C})$		115 A	
	$(T_{vj} = 160\text{ °C})$		100 A	
i^2t	$(T_{vj} = 160\text{ °C, } \geq 10\text{ ms})$		50 A ² s	
	$(T_{vj} = 160\text{ °C, } 5\text{ ms})$		36 A ² s	
I_R	$(T_{vj} = 25\text{ °C, } 70\% V_{RRM})$		max. 0,1 mA	
V_F	$(I_F = 10\text{ A})$		max. 1,3 V	
$V_{(TO)}$	$(T_{vj} = 25\text{ °C})$		0,85 V	
r_f	$(T_{vj} = 25\text{ °C})$		45 mΩ	
t_{rr}	$(T_{vj} = 25\text{ °C})$		typ. 15 μs	
R_{thja}	typ. 80 °C/W			
T_{vj}	-40 ... + 160 °C			
T_{stg}	-55 ... + 160 °C			
a	5 · 9,81 m/s ²			
w	ca. 1 g			
RC	0,01 μF + 500 Ω (1 W)			
R_p	270 kΩ (2 W)			
Ex	SKS 1/06			



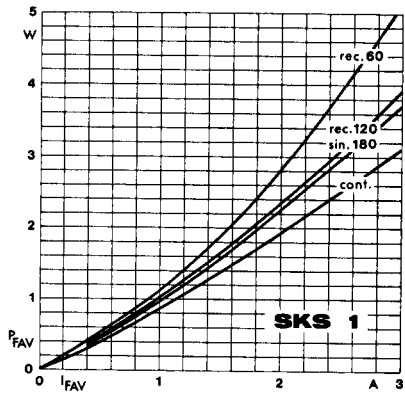


Fig. 5

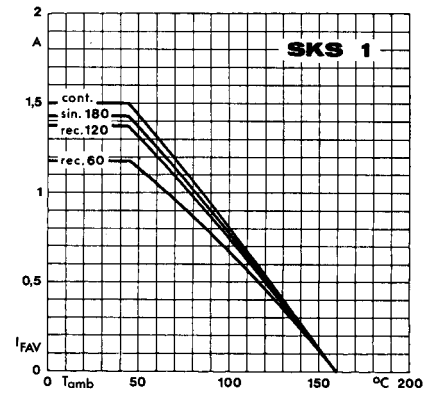


Fig. 6

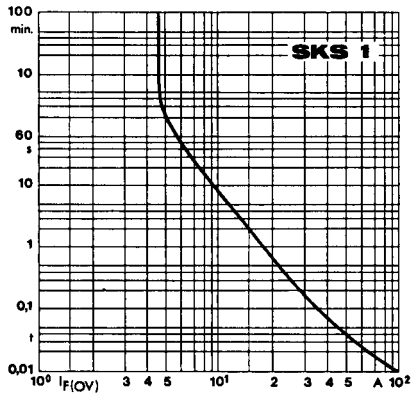


Fig. 7

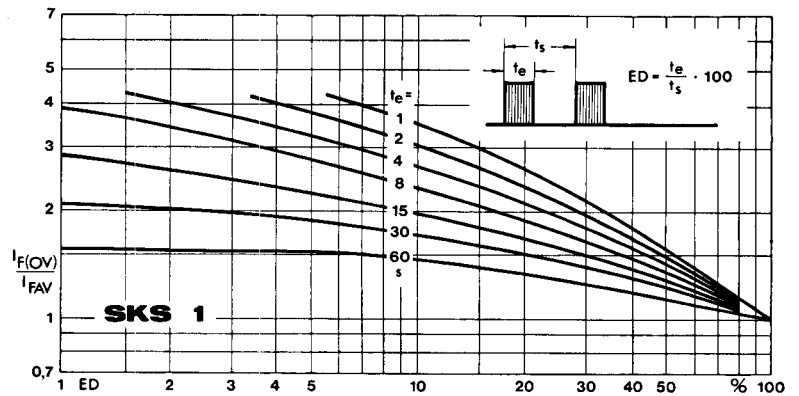


Fig. 8

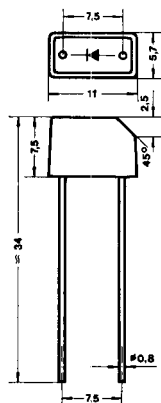


Fig. 11