SKNa 86, SKRa 86



V_{RSM}	$V_{(BR)min}$	I_{FRMS} = 185 A (maximum value for continuous operation) I_{FAV} = 85 A (sin. 180; T_c = 130 °C)	
1400	1400	SKNa 86/14	SKRa 86/14
1800	1800	SKNa 86/18	SKRa 86/18
2000	2000	SKNa 86/20	SKRa 86/20

Stud Diode

Avalanche Diodes

SKNa 86 SKRa 86

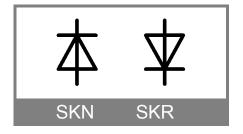
Features

- Avalanche type reverse characteristic of 2000 V
- Hermetic metal cases with glass insulator
- Threaded studs ISO M8 or 1/4"-28 UNF-2A²⁾
- SKN: anode to studSKR: cathode to stud

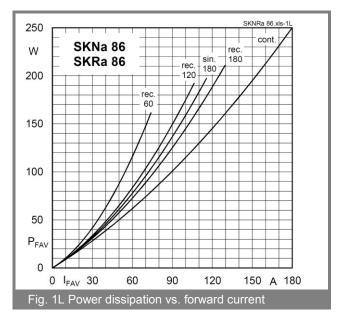
Typical Applications

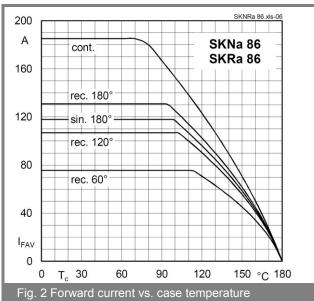
- DC supply for magnets or solenoids (brakes, valves, etc.)
- Field coil supply for DC motors
- Series connections for high voltage applications like dust precipitators
- 1) Mounting with grease-like thermal compound or joint contact compound
- 2) M8x1,25 is standard; "UNF" should be added in description for 1/4"-28 UNF 2A.

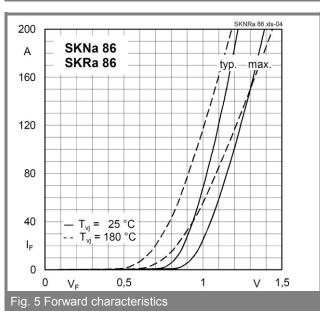
Symbol	Condition	Values	Units
I _{FAV}	sin. 180 ; T _C = 100 °C	115	Α
I _{FSM}	T_{vj} = 25° C; 10 ms T_{vj} = 180° C; 10 ms T_{vj} = 25° C; 8,310 ms T_{vj} = 180° C; 8,310 ms	1500 1275 11250 8125	A A A ² s A ² s
VF V(TO) IT I _R PRSM	$T_{vj} = 25^{\circ} \text{ C}, I_F = 150 \text{ A}$ $T_{vj} = 180^{\circ} \text{ C}$ $T_{vj} = 180^{\circ} \text{ C}$ $T_{vj} = 180^{\circ} \text{ C}; V_R = V_{(BR)min}$ $T_{vj} = 180^{\circ} \text{ C}, t_P = 10 \mu\text{s}$	max. 1,3 0,85 3 10 20	V V mΩ mA kW
Rth(j-c) Rth(c-s) Tvj Tstg		0,4 0,2 -40+180 -40+180	°C °C K/W K/W
V _{isol} M _s	M8 Stud 1/4"-28 UNF 2A M8 Stud (lubricated) ¹⁾ 1/4"-28 UNF 2A (lubricated) ¹⁾ approx.	- 4 2,5 3 2 5 * 9,81 20	V~ Nm Nm Nm Nm m/s²
Case		E 10	

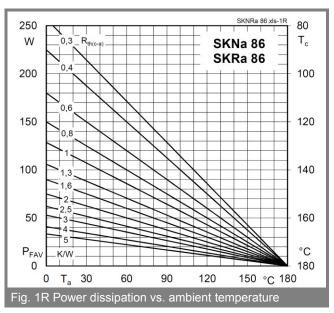


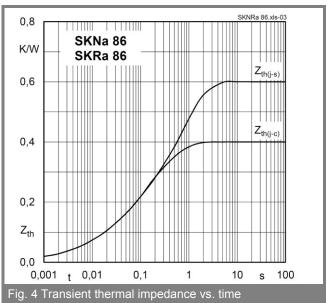
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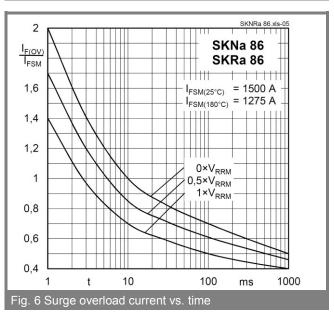




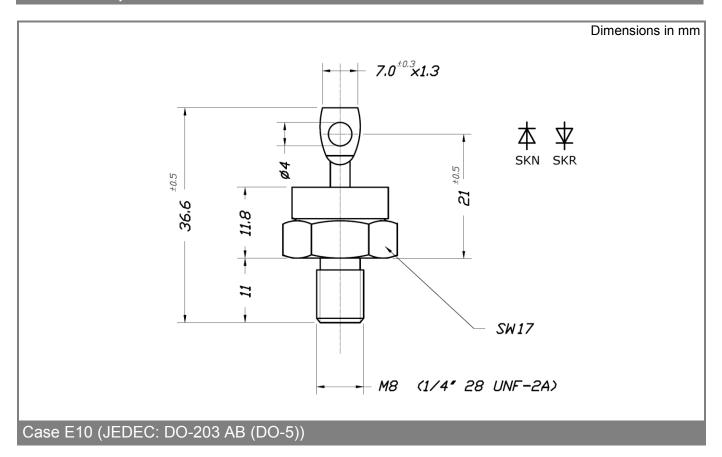








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