

SK 50 B, SK 70 B

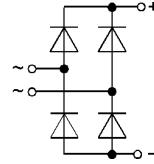
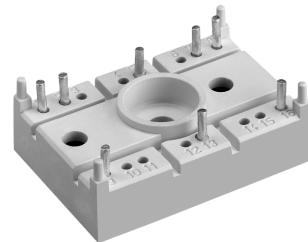
V_{RSM}	I_D ($T_h = 80^\circ\text{C}$)	
V_{RRM}	51 A	68 A
V		
800	SK 50 B 08	SK 70 B 08
1200	SK 50 B 12	SK 70 B 12
1600	SK 50 B 16	SK 70 B 16

SEMITOP® 2

Bridge Rectifier

SK 50 B SK 70 B

Preliminary Data



Features

- Compact Design
- One screw mounting
- Heat transfer and isolation through direct copper bonded aluminium oxide ceramic (DCB)
- Up to 1600V reverse voltage
- High surge currents
- Glass passivated diode chips
- UL recognized, file no. E 63 532

Typical Applications

- Input rectifier for power supplies
- Rectifier

¹⁾ Thermal resistance junction to heatsink

²⁾ Current limited by number of pins

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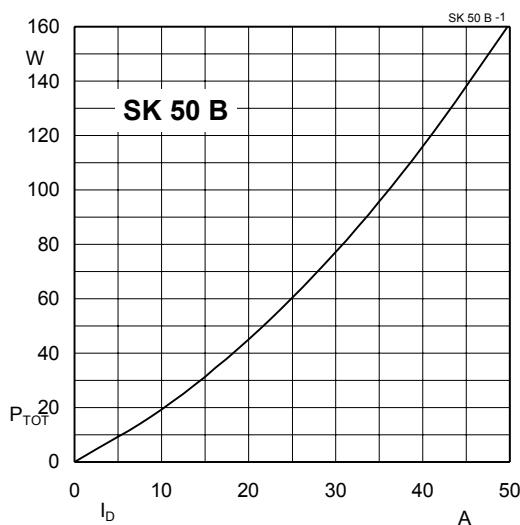


Fig. 1 Power dissipation vs. output current

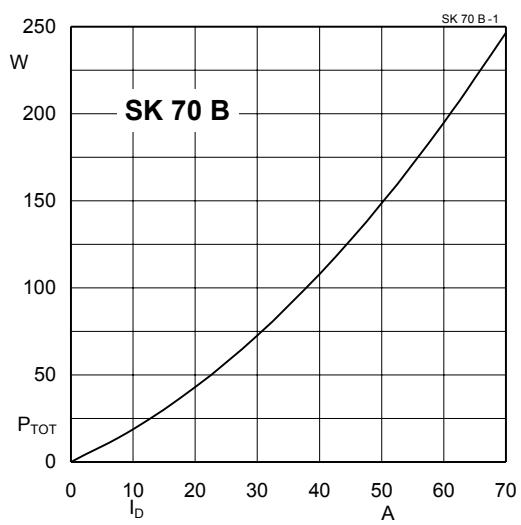


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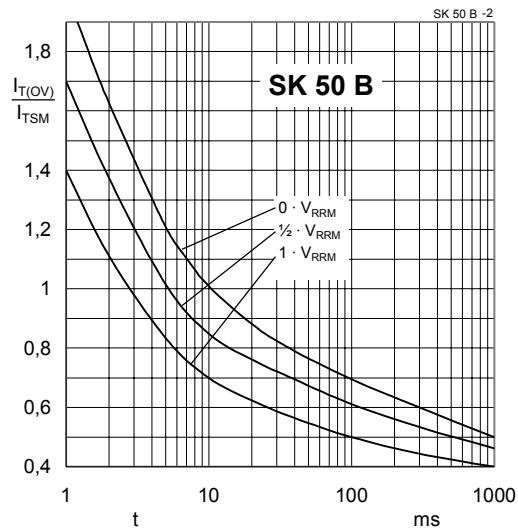


Fig. 2 Surge overload current vs. time

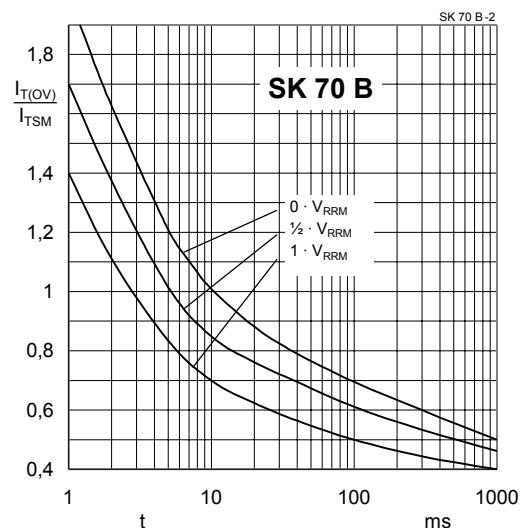


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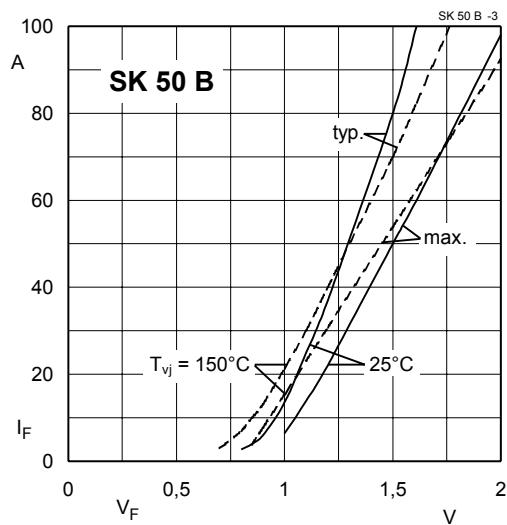


Fig. 3 Forward characteristic of single diode

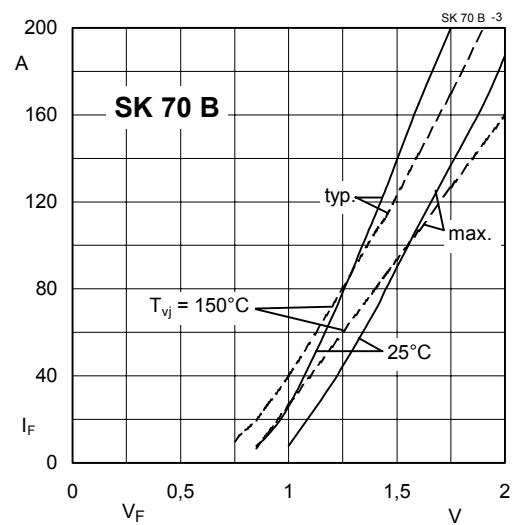


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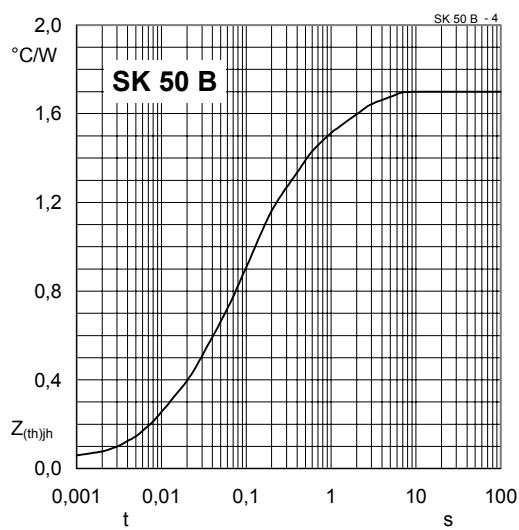


Fig. 4 Thermal transient impedance vs. time

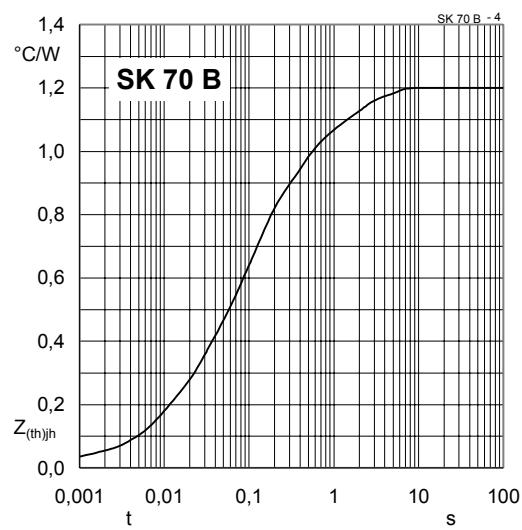


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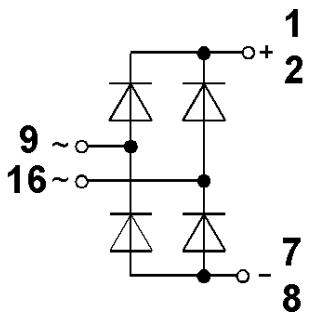
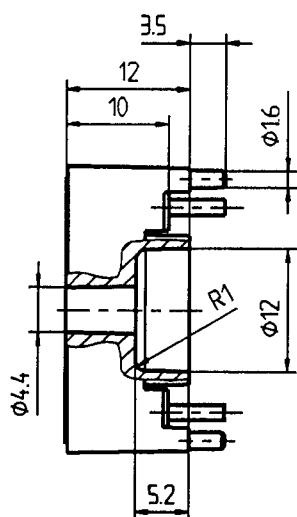
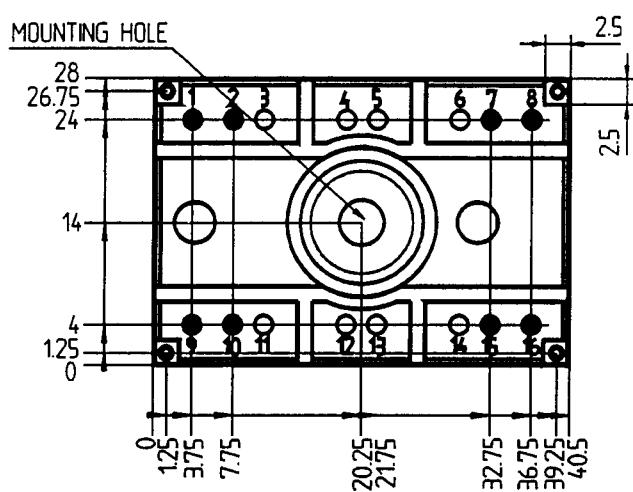
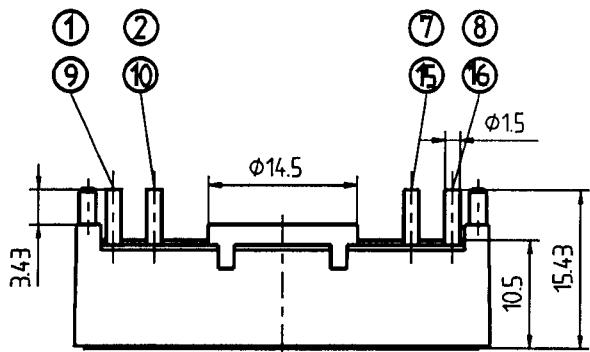
SK 50 B, SK 70 B

SEMITOP® 2

SK 50 B

SK 70 B

Case T 6



Dimensions in mm

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