

MSK B250/220-1,5



Bridge Rectifiers

MSK B250/220-1,5

Features

- Plastic case with screw terminals
- High blocking voltage

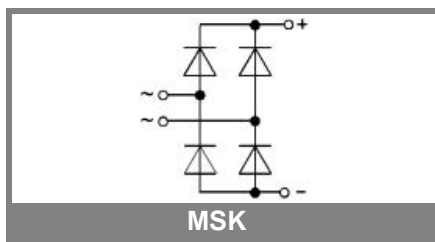
Typical Applications

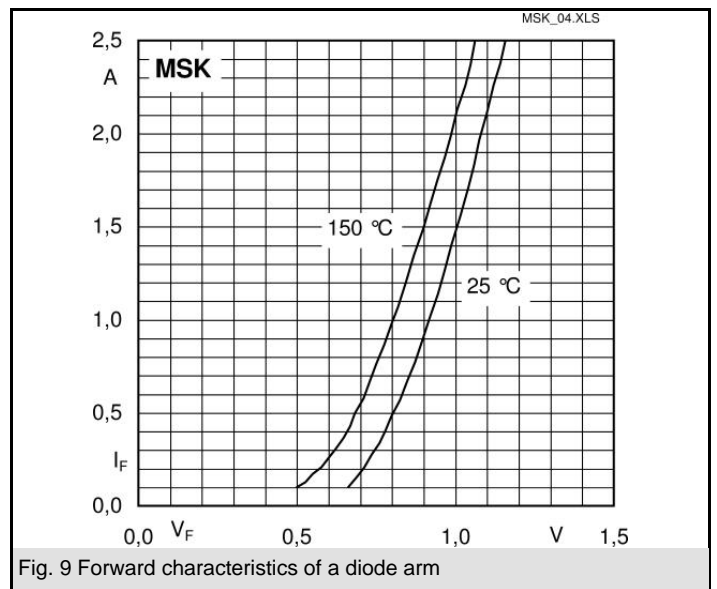
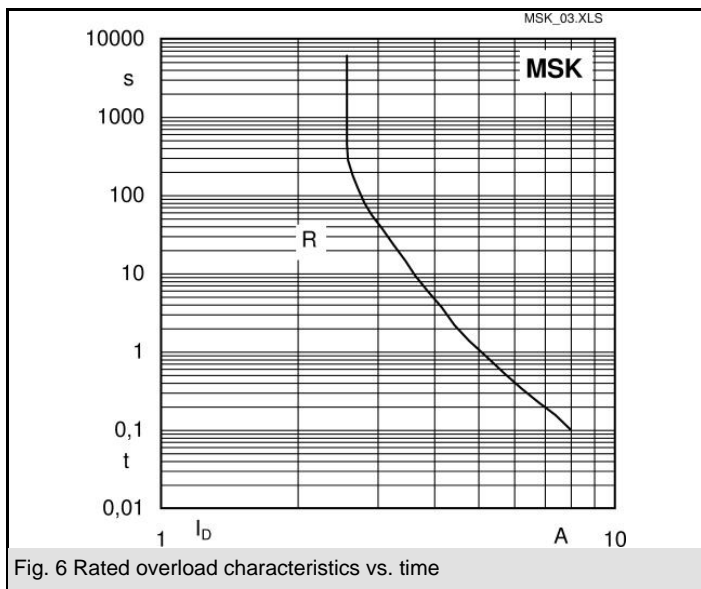
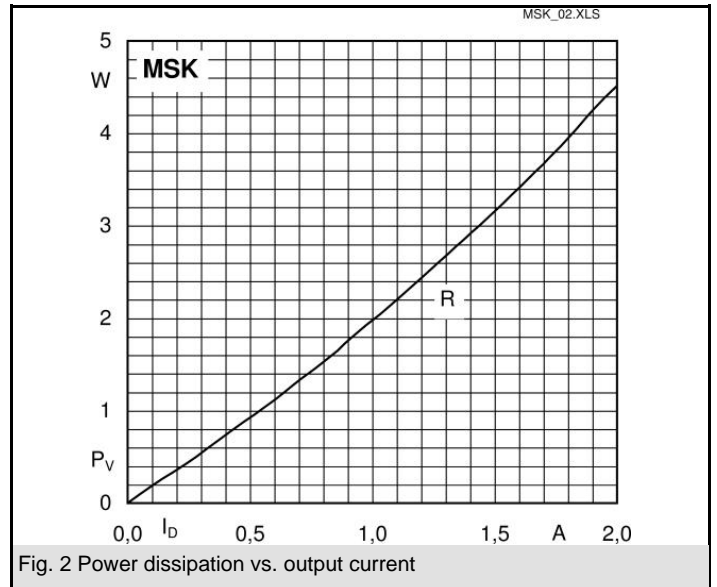
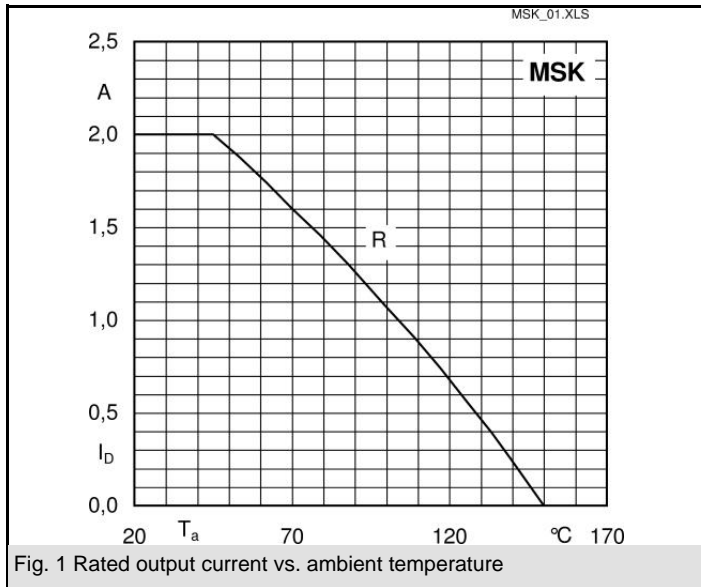
- Internal power supplies for electronic equipment
- DC power supplies
- Control equipment
- Recommended snubber network:
RC: 10 nF, 20...50 Ω ($P_R = 1\text{ W}$)

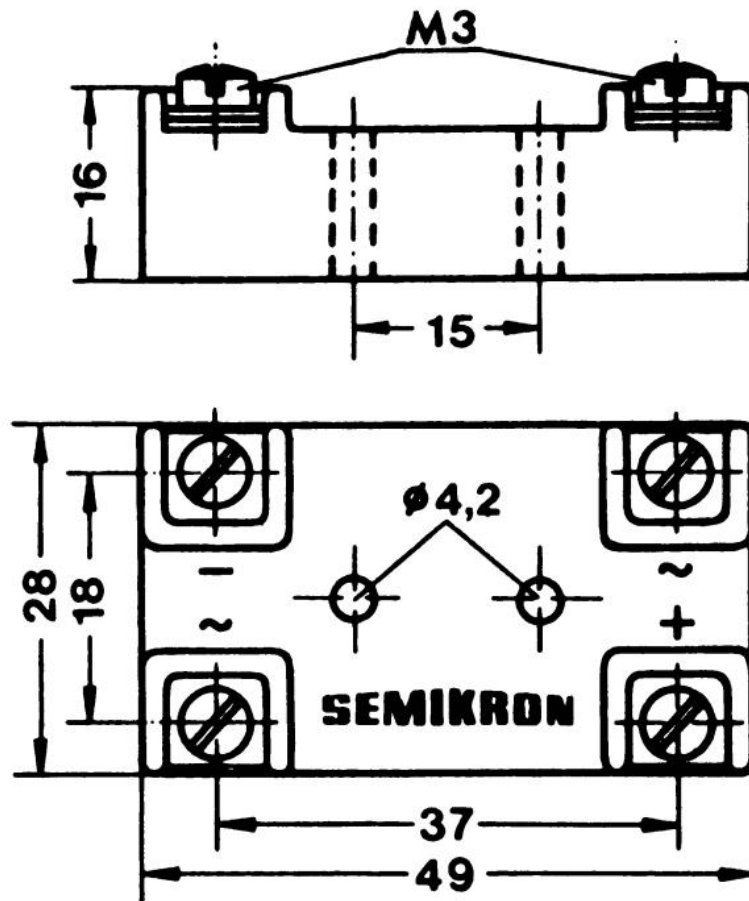
- 1) Freely suspended or mounted on an insulator
- 2) Mounted on a painted metal sheet of min. 250 x 250 x 1 mm

V_{RSM}, V_{RRM} V	V_{VRMS} V	$I_D = 2\text{ A}$ ($T_a = 45\text{ °C}$) Types	C_{max} μF	R_{min} Ω
800	250	MSK B250/220-1,5		

Symbol	Conditions	Values	Units
I_D	$T_a = 45\text{ °C}$, isolated ¹⁾	2	A
	$T_a = 45\text{ °C}$, chassis ²⁾	2	A
I_{DCL}	$T_a = \text{°C}$,		A
	$T_a = \text{°C}$,		A
	$T_a = \text{°C}$,		A
	$T_a = \text{°C}$,		A
I_{FSM}	$T_{vj} = 25\text{ °C}$, 10 ms	58	A
	$T_{vj} = 150\text{ °C}$, 10 ms	50	A
i^2t	$T_{vj} = 25\text{ °C}$, 8,3 ... 10 ms	17	A ² s
	$T_{vj} = 150\text{ °C}$, 8,3 ... 10 ms	12,5	A ² s
V_F	$T_{vj} = 25\text{ °C}$, $I_F = 10\text{ A}$	max. 1,65	V
$V_{(TO)}$	$T_{vj} = 150\text{ °C}$	max. 0,85	V
r_T	$T_{vj} = 150\text{ °C}$	max. 100	mΩ
I_{RD}	$T_{vj} = 25\text{ °C}$, $V_{RD} = V_{RRM}$	5	μA
	$T_{vj} = \text{°C}$, $V_{RD} = V_{RRM} \geq V$		μA
I_{RD}	$T_{vj} = 150\text{ °C}$, $V_{RD} = V_{RRM}$	0,6	mA
	$T_{vj} = \text{°C}$, $V_{RD} = V_{RRM} \geq V$		mA
t_{rr}	$T_{vj} = 25\text{ °C}$		μs
f_G		2000	Hz
$R_{th(j-a)}$		23	K/W K/W
T_{vj}		- 40 ... + 150	°C
T_{stg}		- 55 ... + 150	°C
V_{isol}			V~
M_s			Nm
M_t			Nm
a			m/s ²
w		25	g
F_u		2	A
Case		G 7	







Case G 7

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