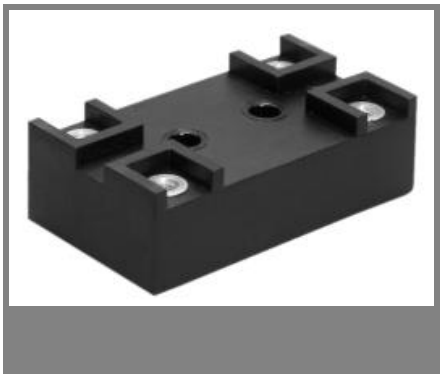
MSK B250/220-1,5



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

Bridge Rectifiers

MSK B250/220-1,5

Features

- Plastic case with screw terminals
- High blocking voltage

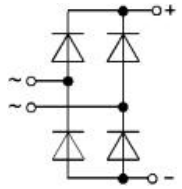
Typical Applications

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

1) Freely suspended or mounted on an insulator

2) Mounted on a painted metal sheet of min. 250 x 250 x 1 mm

Symbol	Conditions	Values	Units
I_D	T_a = 45 °C, isolated[1)]	2	A
	T_a = 45 °C, chassis[2)]	2	A
I_{DCL}	T_a = °C,		A
	T_a = °C,		A
	T_a = °C,		A
I_{FSM}	T_{vj} = 25 °C, 10 ms	58	A
	T_{vj} = 150 °C, 10 ms	50	A
i²t	T_{vj} = 25 °C, 8,3 ... 10 ms	17	A²s
	T_{vj} = 150 °C, 8,3 ... 10 ms	12,5	A²s
V_F	T_{vj} = 25°C, I_F = 10 A	max. 1,65	V
$V_{(TO)}$	T_{vj} = 150°C	max. 0,85	V
r_T	T_{vj} = 150°C	max. 100	mΩ
I_{RD}	T_{vj} = 25°C, V_{RD}=V_{RRM}	5	µA
	T_{vj} = °C, V_{RD}=V_{RRM} ≥ V		µA
I_{RD}	T_{vj} = 150°C, V_{RD}=V_{RRM}	0,6	mA
	T_{vj} = °C, V_{RD}=V_{RRM} ≥ V		mA
t_{rr}	T_{vj} = 25°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/s²
w		25	g
Fu		2	A
Case		G 7	



MSK

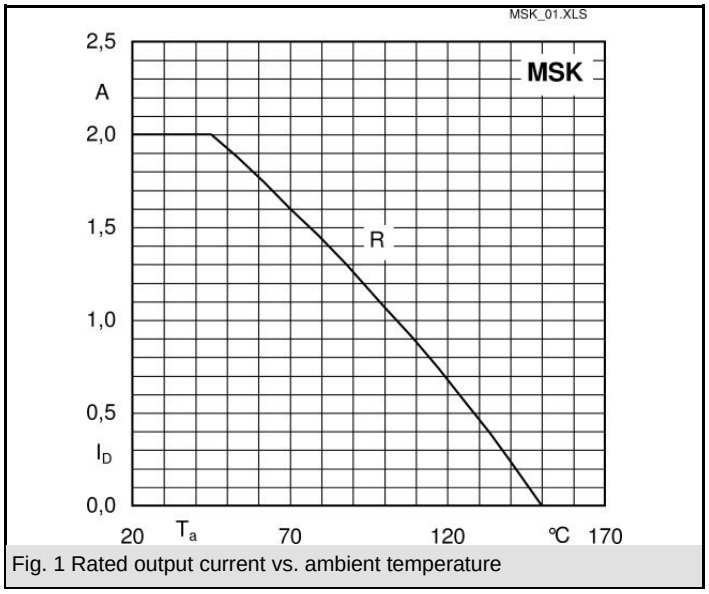


Fig. 1 Rated output current vs. ambient temperature

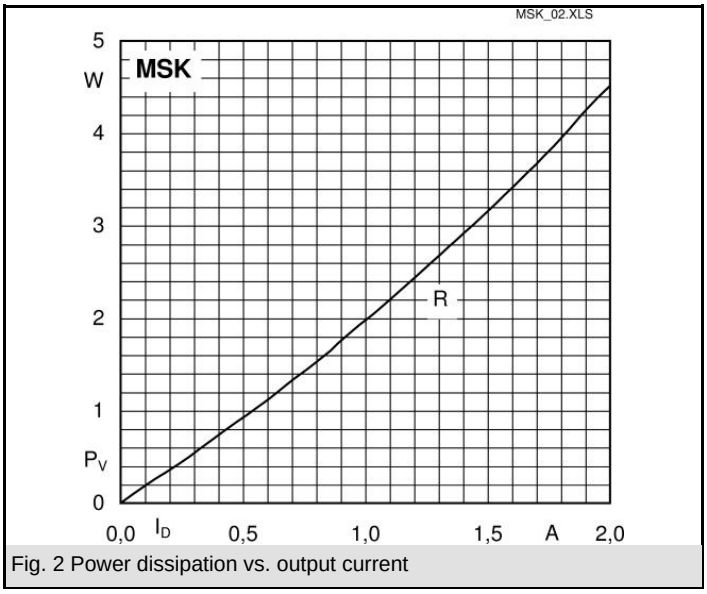


Fig. 2 Power dissipation vs. output current

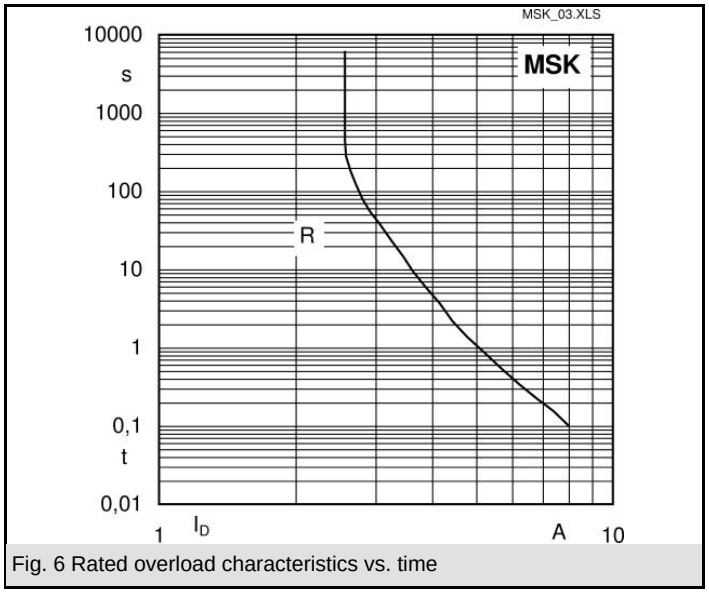


Fig. 6 Rated overload characteristics vs. time

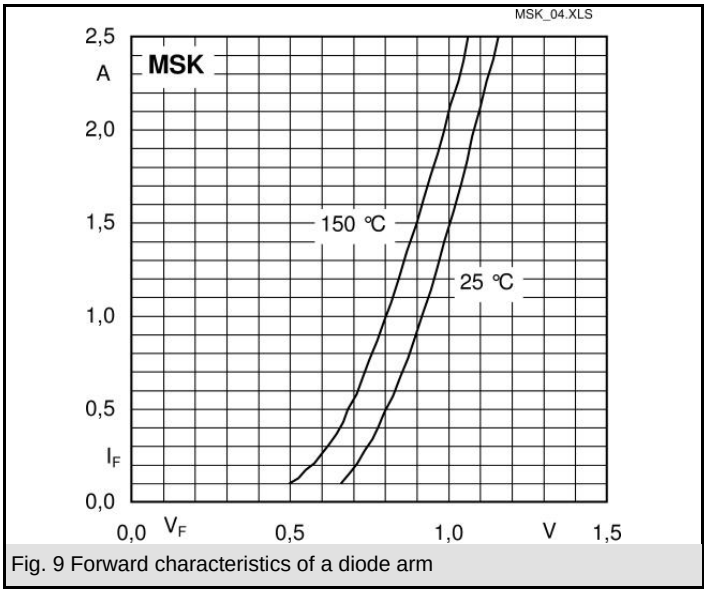
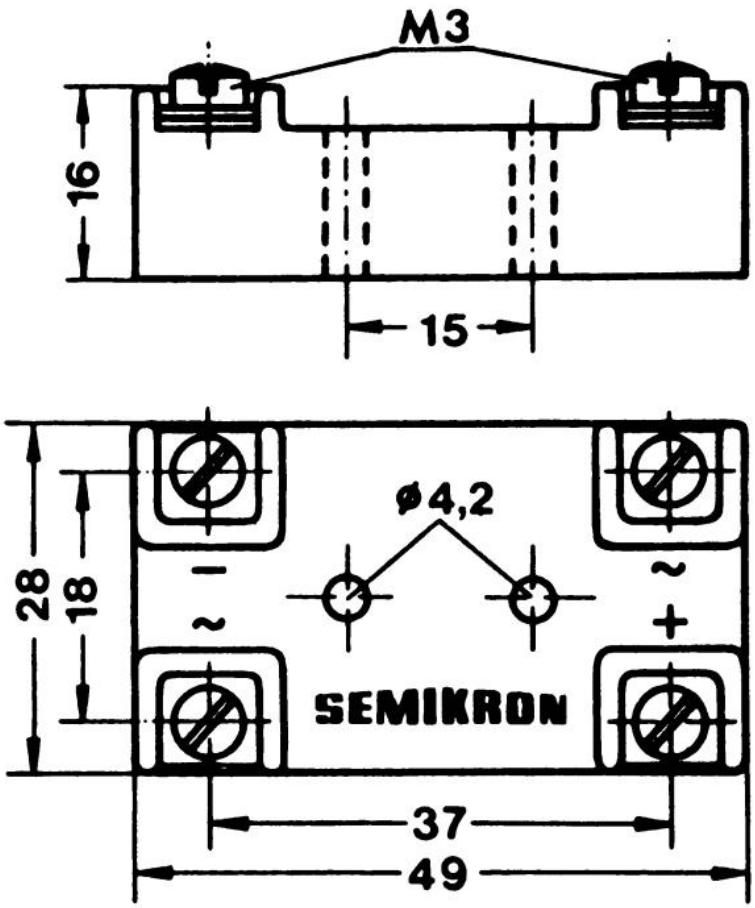


Fig. 9 Forward characteristics of a diode arm

Dimensions in mm



Case G 7

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