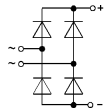
V_{RSM} V_{RRM} V	V_{VRMS} V	I_D (T_{case} = 75 °C) 18 A Types	R_{min} Ω
200	60	**SKB 26/02**	0,15
400	125	**SKB 26/04**	0,3
600	185	**SKB 26/06**	0,4
800	250	**SKB 26/08**	0,5
1000	310	**SKB 26/10**	0,65
1200	380	**SKB 26/12**	0,75
1400	440	**SKB 26/14**	0,9
1600	500	**SKB 26/16**	1,0

Symbol	Conditions	SKB 26	Units
I_D	T_{case} = 50 °C; res./inductive load	22	A
	T_{amb} = 45 °C; isolated[1]	3,5	A
	chassis[2]	10	A
	P5A/100	13,5	A
	P1A/120	17	A
I_{DCL}	T_{amb} = 45 °C; isolated[1]	3	A
	chassis[2]	9,5	A
	P5A/100	11,5	A
	P1A/120	14	A
I_{FSM}	T_{vj} = 25 °C, 10 ms	370	A
	T_{vj} = 150 °C, 10 ms	320	A
i^2t	T_{vj} = 25 °C, 8,3...10 ms	680	A^2s
	T_{vj} = 150 °C, 8,3...10 ms	500	A^2s
V_F	T_{vj} = 25 °C; I_F = 150 A	2,2	V
$V_{(TO)}$	T_{vj} = 150 °C	0,85	V
r_T	Tvj = 150 °C	12	mΩ
I_{RD}	Tvj = 25 °C; V_{RD} = V_{RRM}	0,3	mA
	T_{vj} = 150 °C; V_{RD} = V_{RRM}	5	mA
t_{rr}	T_{vj} = 25 °C	typ. 10	µs
f_G		2000	Hz
R_{thjc}	total	1,9	°C/W
R_{thch}	total	0,15	°C/W
R_{thja}	isolated[1]	15	°C/W
	chassis[2]	4,7	°C/W
	P5A/100	3,55	°C/W
	P1A/120	2,75	°C/W
T_{vj}		– 40...+ 150	°C
T_{stg}		– 55...+ 150	°C
V_{isol}	a.c. 50...60 Hz; r.m.s.; 1 s / 1 min	3000 / 2500	V~
RC	P_R = 1 W	0,1	µF
		50	Ω
M_1	case to heatsink SI units	2 ± 15 %	Nm
	US units	18 ± 15 %	lb. in.
w		20	g
Case		G 50	

[1] Soldered directly onto a p.c.b. of 100 x 160 mm with tinned tracking of min. 2,5 mm.
[2] Mounted on a painted metal sheet of min. 250 x 250 x 1 mm

Power Bridge Rectifiers

SKB 26



Features

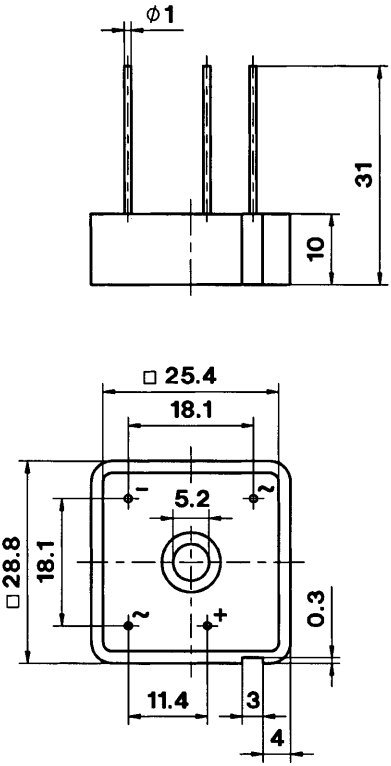
- Square plastic case with isolated metal base plate and wire leads
- Ideal for printed circuit boards
- Blocking voltage up to 1600 V
- High surge currents
- Notch moulded in casing for easy polarity identification
- Easy chassis mounting

Typical Applications

- Single phase rectifiers for power supplies
- Input rectifiers for variable frequency drives
- Rectifiers for DC motor field supplies
- Battery charger rectifiers

SKB 26

Case G 50



Dimensions in mm

