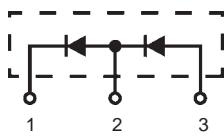


Phase-leg Rectifier Diode

V_{RSM}	V_{RRM}	TO-247 AD	TO-268 AA	ISOPLUS 247™
V	V	Type		
1300	1200	DSP 25-12A	DSP 25-12AT	
1700	1600	DSP 25-16A	DSP 25-16AT	DSP 25-16AR

TO-247 AD
Version ATO-268 AA
Version AT

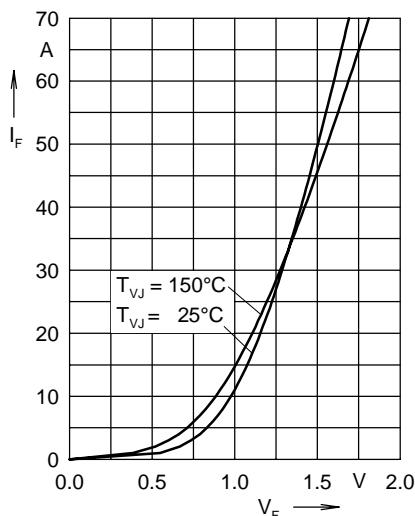


Fig. 1 Forward current versus voltage drop per diode

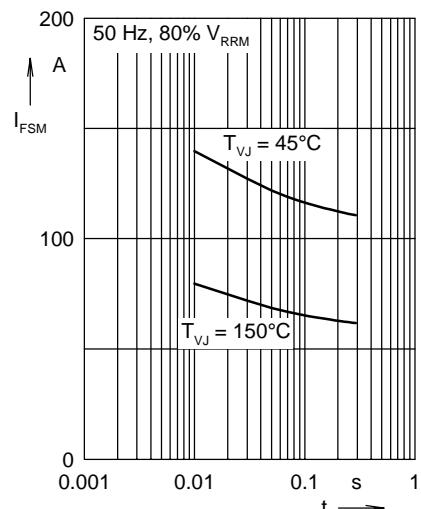


Fig. 2 Surge overload current

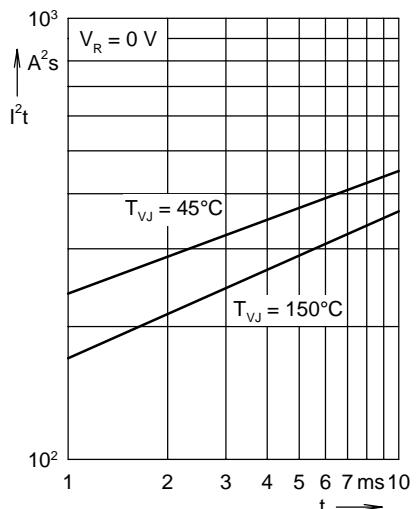


Fig. 3 I^2t versus time per diode

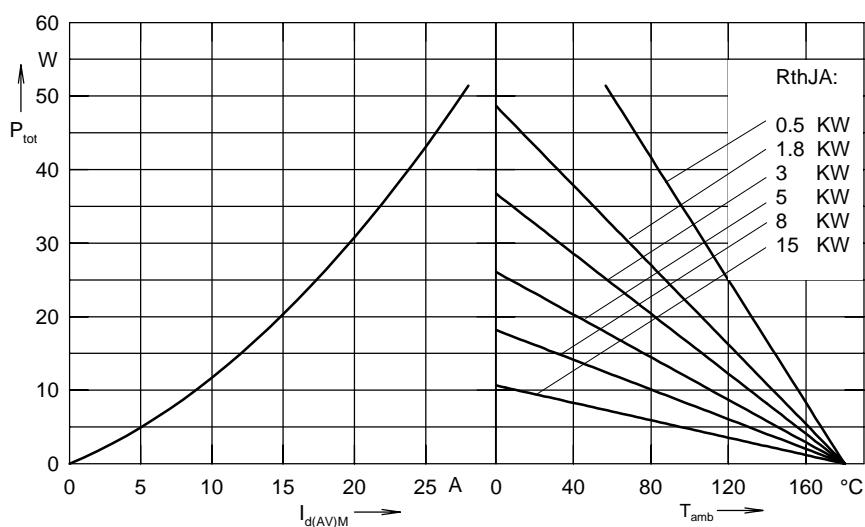


Fig. 4 Power dissipation versus direct output current and ambient temperature, sine 180°

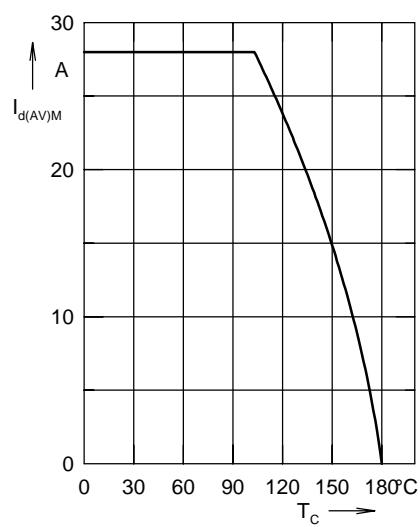


Fig. 5 Max. forward current versus case temperature

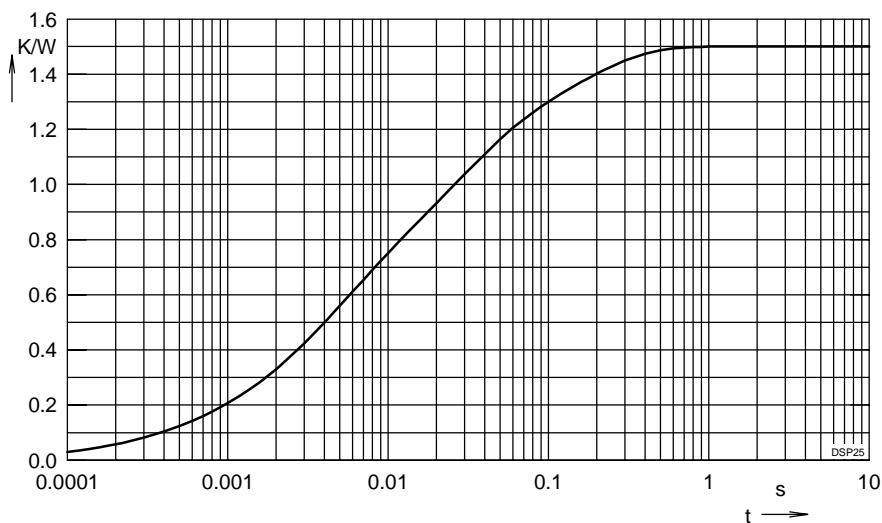


Fig. 6 Transient thermal impedance junction to case

Constants for Z_{thJC} calculation:

i	R_{thi} (K/W)	t_i (s)
1	0.06075	0.0004
2	0.183	0.00256
3	0.3405	0.0045
4	0.543	0.0242
5	0.3728	0.15