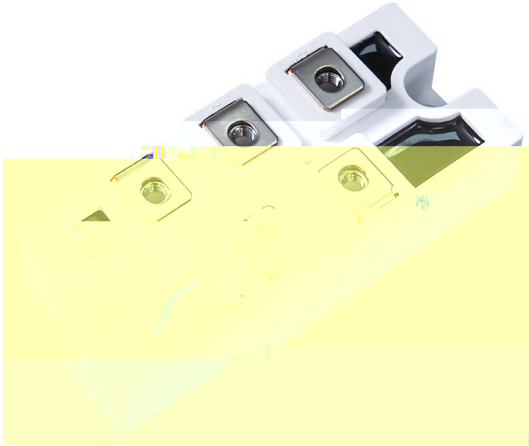




MD150S-M9



Module Type

TYPE	VRRM	VRSM
MD150S08M9	800V	900V
MD150S12M9	1200V	1300V
MD150S16M9	1600V	1700V
MD150S18M9	1800V	1900V

Maximum Ratings

Symbol	Conditions	Values	Units
ID	Three phase, full wave Tc=100		



MD150S-M9

Electrical Characteristics

Symbol	Conditions	Values			Units
		Min.	Typ.	Max.	
V_{FM}	$T=25$ $I_F=150A$		1.1	1.3	V
r_f	$T_J=150$		1.96		m
V_{fO}	$T_J=150$		0.74		V
I_{RD}	$T_{vj}=25$ $V_{RD}=V_{RRM}$			0.1	mA
	$T_{vj}=150$ $V_{RD}=V_{RRM}$			2	mA

Performance Curves

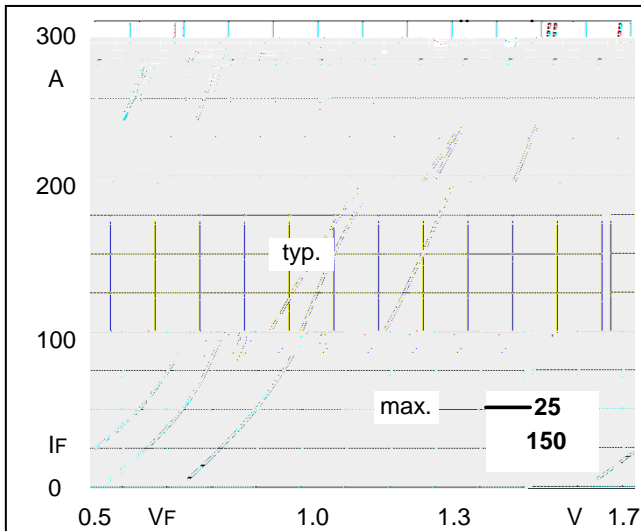


Fig1. Forward Characteristics

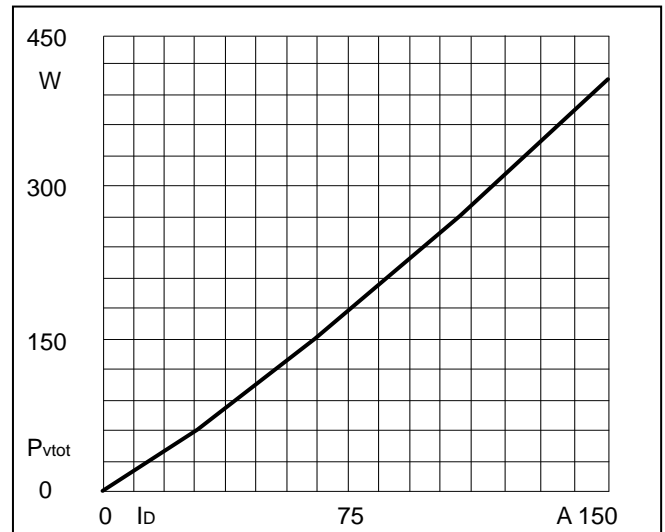


Fig2. Power dissipation

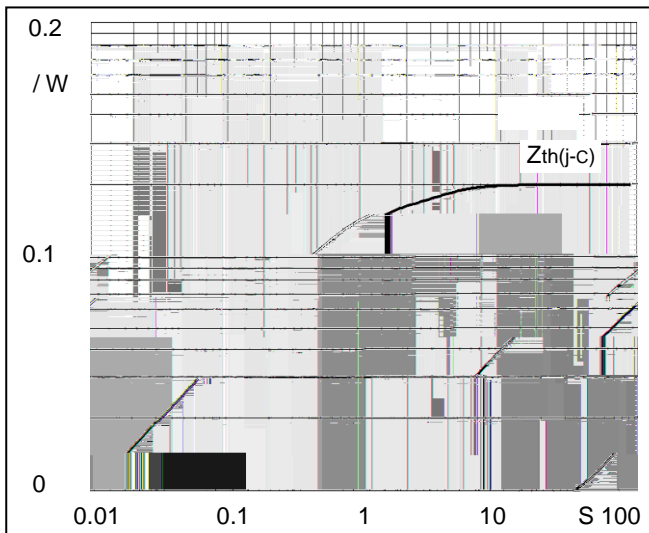


Fig3. Transient thermal impedance

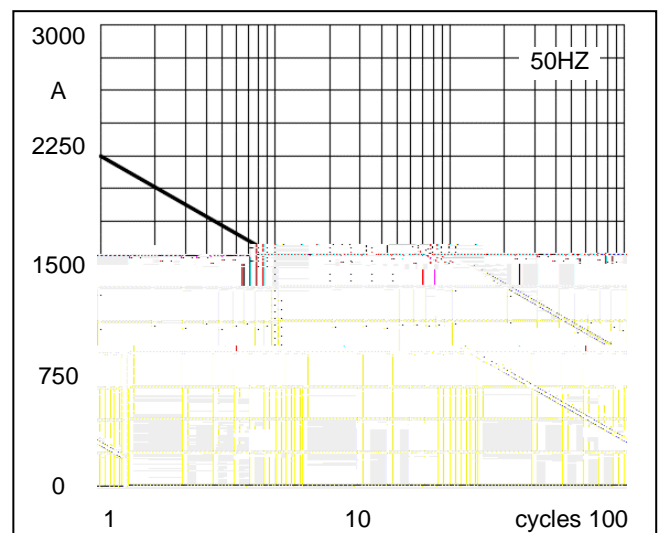


Fig4. Max Non-Repetitive Forward Surge Current

