

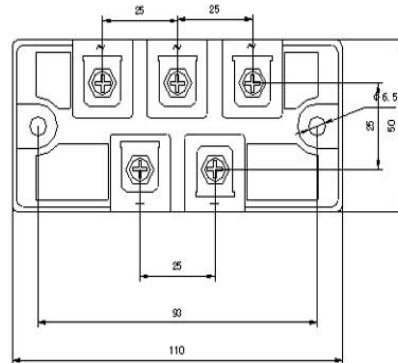
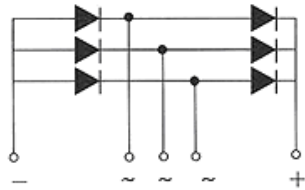


**Three Phase
Rectifier Bridge**

$I_{dAV} = 200 A$

$V_{RRM} = 1000-2400V$

V_{RRM} (V)	V_{RSM} (V)	TYPE
1000	1100	MDS200-10
1200	1300	MDS200-12
1600	1700	MDS200-16
1800	1900	MDS200-18
2200	2300	MDS200-22
2400	2500	MDS200-24



Maximum Ratings

Symbol	Item	Conditions	Ratings	Unit
I_D	Output current (D.C.)	Three phase. full wave. $T_c=117^\circ C$	200	A
I_{FSM}	Surge Forward Current	1 cycle, 50/60Hz, peak value, non-repetitive	1850/2000	A
I_t^2	I_t^2	Value for one cycle of surge current	17000	A^2S
T_j	Junction Temperature		-40 to +150	$^\circ C$
T_{stg}	Storage Temperature		-40 to +125	$^\circ C$
V_{iso}	Isolation Breakdown Voltage (R.M.S.)	Main Terminal to case 1minute	2500	V
M_d	Mounting torque	Mounting(M6)	Recommended Value 2.5-3.9 (25-40)	N · m(kgf · cm)
		Terminal(M5)	Recommended Value 1.5-2.5 (15-25)	



Electrical Characteristics

Symbol	Item	Conditions	Ratings	Unit
IRRM	Repetitive Peak Reverse Current, max.	T _j =150 °C at VRRM	6.0	mA
VFM	Forward Voltage Drop, max.	I _{FM} =200A, T _j =25 °C Inst. measurement	1.35	V
R _{th(j-c)}	Thermal Impedance, max.	Junction to case	0.1	°C/W

