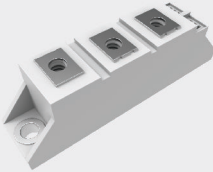


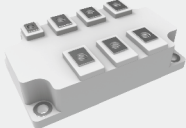


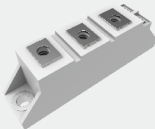


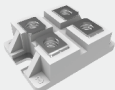
## ► Thyristor Modules

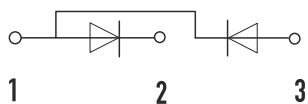
Package Types	Part No.	Electrical Characteristics				
		VRRM(V)	IT(A)	VGT(V)	IGT(mA)	VTM(V)
 T1	MT25C08T1 ~ MT25C18T1	800~1800	25	2.5	150	1.8
	MT25CB08T1 ~ MT25CB18T1	800~1800	25	2.5	150	1.8
	MT40C08T1 ~ MT40C18T1	800~1800	40	2.5	150	1.95
	MT40CB08T1 ~ MT40CB18T1	800~1800	40	2.5	150	1.95
	MT60C08T1 ~ MT60C18T1	800~1800	60	3	150	1.65
	MT60CB08T1 ~ MT60CB18T1	800~1800	60	3	150	1.65
	MT90C08T1 ~ MT90C18T1	800~1800	90	3	150	1.65
	MT90CB08T1 ~ MT90CB18T1	800~1800	90	3	150	1.65
	MT110C08T1 ~ MT110C18T1	800~1800	110	3	150	1.65
	MT110CB08T1 ~ MT110CB18T1	800~1800	110	3	150	1.65
 T2	MT130C08T2 ~ MT130C18T2	800~1800	130	3	150	1.8
	MT130CB08T2 ~ MT130CB18T2	800~1800	130	3	150	1.8
	MT160C08T2 ~ MT160C18T2	800~1800	160	3	150	1.7
	MT160CB08T2 ~ MT160CB18T2	800~1800	160	3	150	1.7
	MT200C08T2 ~ MT200C18T2	800~1800	200	3	200	1.7
	MT200CB08T2 ~ MT200CB18T2	800~1800	200	3	200	1.7

## ► Three Phases Bridge Rectifier With Thyristor Modules

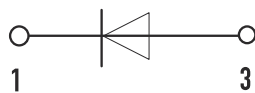
Package Types	Part No.	Electrical Characteristics				
		VRRM(V)	IT(A)	VGT(V)	IGT(mA)	VTM(V)
 L1	MT75DT08L1 ~ MT75DT18L1	800~1800	75	3.0	150	1.30
	MT100DT08L1 ~ MT100DT18L1	800~1800	100	3.0	150	1.25
 L2	MT150DT08L2 ~ MT150DT18L2	800~1800	150	3.0	150	1.35
	MT200DT08L2 ~ MT200DT18L2	800~1800	200	3.0	150	1.40

## FRED Modules

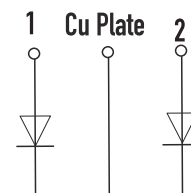
Package Types	Part No.	Electrical Characteristics(Rating at 25°C Ambient Temperature)					
		Working Peak Reverse Voltage-VRWM(V)	Average Forward Current-IO(A)	Peak Forward Surge Current@ 8.3ms-IFSM(A)	Forward Voltage Per Element-VF(V)	At Rated Forward Current-IF(A)	Reverse Recovery Time -Trr(ns)
 F1	MF100C06F1	600	100	1500	1.40	100	105
 F2	MF100U12F2	1200	100	1200	1.58	100	380
	MF150C06F2	600	150	1400	1.60	150	130
	MF200K06F2	600	200	2000	1.60	200	140
	MF300C12F2	1200	300	2700	3.00	300	135
	MF300U12F2	1200	300	2500	2.70	300	150
 F3	MF200K04F3	400	200	1500	1.35	100	95
	MF200K06F3	600	200	2100	1.15	100	105
	MF300K04F3	400	300	2700	1.05	150	90
	MF300K06F3	600	300	3500	1.40	150	130
	MF400K04F3	400	400	4000	1.35	200	135
	MF400K06F3	600	400	3500	1.25	200	130
 F4	MF200K04F4	400	200	1500	1.35	100	95
	MF200K06F4	600	200	2100	1.15	100	105
 FJ	MF200DU06FJ	600	200	1500	1.30	100	105
	MF200DU12FJ	1200	200	1600	1.60	100	135



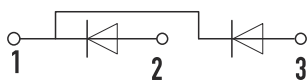
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MF150C06F2  
MF300C12F2



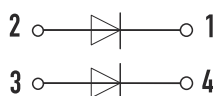
MF100U12F2  
MF300U12F2



MF200K04F3 MF400K04F3  
MF200K06F3 MF400K06F3  
MF300K04F3 MF200K04F4  
MF300K06F3 MF200K06F4

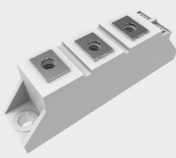

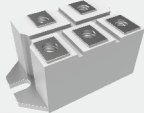


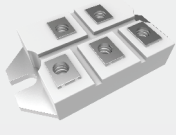


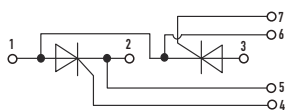
MF200K06F2



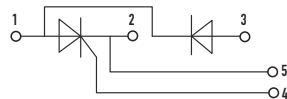
MF200DU06FJ  
MF200DU12FJ

## ▶ Standard Recovery Power Modules

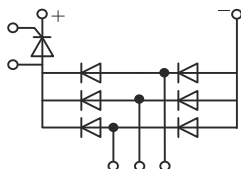
Package Types	Part No.	Electrical Characteristics(Rating at 25°C Ambient Temperature)					
		Working Peak Reverse Voltage-VRWM(V)	Average Forward Current-IO(A)	Peak Forward Surge Current@IFSM(A)	Max. Forward Voltage Per Element-VF(V)	At Rated Forward Current-IF(A)	Max.DC Reverse Current at Rated DC Blocking Voltage - IRMAX(mA)
 D1	MD36A(C)(K)08D1~MD36A(C)(K)18D1	800~1800	36	650	1.4	100	5
	MD60A(C)(K)08D1~MD60A(C)(K)18D1	800~1800	60	1150	1.45	200	5
	MD70A(C)(K)08D1~MD70A(C)(K)18D1	800~1800	70	1400	1.3	200	5
	MD100A(C)(K)08D1~MD100A(C)(K)18D1	800~1800	100	2500	1.4	300	5
	MD120A(C)(K)08D1~MD120A(C)(K)18D1	800~1800	120	2800	1.35	300	6
 D2	MD165A(C)(K)08D2~MD165A(C)(K)18D2	800~1800	165	6000	1.4	300	9
	MD200A(C)(K)08D2~MD200A(C)(K)18D2	800~1800	200	6800	1.3	300	9
	MD240C08D2~MD240C18D2	800~1800	240	7550	1.25	300	9
 M2	MD60S08M2 ~ MD60S18M2	800~1800	60	460	1.8	150	0.3
	MD75S08M2 ~ MD75S18M2	800~1800	75	750	1.6	150	0.3
	MD100S08M2 ~ MD100S18M2	800~1800	100	920	1.9	150	0.3
 M3	MD100S08M3 ~ MD100S18M3	800~1800	100	920	1.9	300	0.3
	MD130S08M3 ~ MD130S18M3	800~1800	130	1200	1.8	300	0.3
	MD160S08M3 ~ MD160S18M3	800~1800	160	1800	1.75	300	0.5
	MD200S08M3 ~ MD200S18M3	800~1800	200	2240	1.7	300	0.5
	MD250S08M3 ~ MD250S20M3	800~2000	250	2500	1.6	300	0.5
 M4	MD50S08M4 ~ MD50S18M4	800~1800	50	460	1.7	150	0.3
	MD75S08M4 ~ MD75S18M4	800~1800	75	750	1.5	150	0.3
	MD100S08M4 ~ MD100S18M4	800~1800	100	920	1.9	300	0.3
 M5	MD100S08M5 ~ MD100S18M5	800~1800	100	920	1.9	300	0.3
	MD130S08M5 ~ MD130S18M5	800~1800	130	1200	1.8	300	0.3
	MD160S08M5 ~ MD160S18M5	800~1800	160	1800	1.75	300	0.5
	MD200S08M5 ~ MD200S18M5	800~1800	200	2240	1.7	300	0.5
	MD250S08M5 ~ MD250S18M5	800~1800	250	2500	1.6	300	0.5



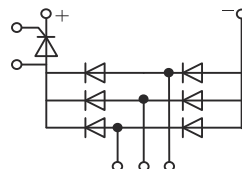
MT25C08T1 ~ MT25C18T1  
MT40C08T1 ~ MT40C18T1  
MT60C08T1 ~ MT60C18T1  
MT90C08T1 ~ MT90C18T1  
MT110C08T1 ~ MT110C18T1  
MT130C08T2 ~ MT130C18T2  
MT160C08T2 ~ MT160C18T2  
MT200C08T2 ~ MT200C18T2



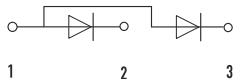
MT25CB08T1 ~ MT25CB18T1  
MT40CB08T1 ~ MT40CB18T1  
MT60CB08T1 ~ MT60CB18T1  
MT90CB08T1 ~ MT90CB18T1  
MT110CB08T1 ~ MT110CB18T1  
MT130CB08T2 ~ MT130CB18T2  
MT160CB08T2 ~ MT160CB18T2  
MT200CB08T2 ~ MT160CB18T2



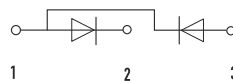
MT75DT08L1 ~ MT75DT18L1  
MT100DT08L1 ~ MT100DT18L1



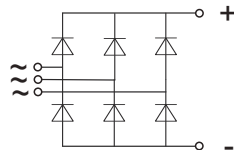
MT150DT08L2 ~ MT150DT18L2  
MT200DT08L2 ~ MT200DT18L2



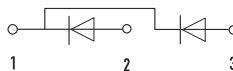
MD36A08D1 ~ MD36A18D1  
MD60A08D1 ~ MD60A18D1  
MD70A08D1 ~ MD70A18D1  
MD100A08D1 ~ MD100A18D1  
MD120A08D1 ~ MD120A18D1  
MD165A08D2 ~ MD165A18D2  
MD200A08D2 ~ MD200A18D2



MD36C08D1 ~ MD36C18D1  
MD60C08D1 ~ MD60C18D1  
MD70C08D1 ~ MD70C18D1  
MD100C08D1 ~ MD100C18D1  
MD120C08D1 ~ MD120C18D1  
MD165C08D2 ~ MD165C18D2  
MD200C08D2 ~ MD200C18D2  
MD240C08D2 ~ MD240C18D2



MD60S08M2 ~ MD60S18M2  
MD75S08M2 ~ MD75S18M2  
MD100S08M2 ~ MD100S18M2  
MD100S08M3 ~ MD100S18M3  
MD130S08M3 ~ MD130S18M3  
MD160S08M3 ~ MD160S18M3  
MD200S08M3 ~ MD200S20M3  
MD250S08M3 ~ MD250S20M3  
MD100S08M4 ~ MD100S18M4  
MD50S08M4 ~ MD50S18M4  
MD75S08M4 ~ MD75S18M4  
MD100S08M5 ~ MD100S18M5  
MD130S08M5 ~ MD130S18M5  
MD160S08M5 ~ MD160S18M5  
MD200S08M5 ~ MD200S18M5  
MD250S08M5 ~ MD250S18M5



MD36K08D1 ~ MD36K18D1  
MD60K08D1 ~ MD60K18D1  
MD70K08D1 ~ MD70K18D1  
MD100K08D1 ~ MD100K18D1  
MD120K08D1 ~ MD120K18D1  
MD165K08D2 ~ MD165K18D2  
MD200K08D2 ~ MD200K18D2