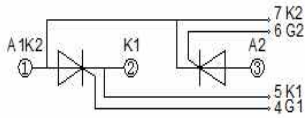
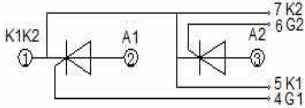


Fast Turn-off Thyristor Modules



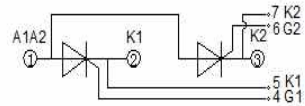
Circuit configuration:Half-Bridge

ITEM	V _{DRM} /V _{RRM}		I _T (AV)	I _{TSM}	I ² _t	dv/dt		di/dt		t _q	I _{DRM} /I _{RRM}	I _{GT}	V _{GT}	I _H	V _{TM} /I _{TM}	V _{TO}	r _T	R _{th(j-c)}	R _{th(c-h)}	T _{jm}	Viso	Out Line No.
	125°C	85°C				125°C	125°C	125°C	125°C													
UNIT	V	A	kA	kA ² s	V/μs	A/μs	μs	mA	mA	V	mA	V	mA	V/A	V	m·Ω	°C/W	°C	V(AC)			
MD75TF**	800-1,800	75	1.6	13	800	200	40	30	150	2.5	200	2.60/225	1.50	4.00	0.20	0.04	125	2,500	M02			
MD150TF**	800-1,800	150	3.4	58	800	200	40	50	180	2.5	200	2.65/450	1.78	0.70	0.13	0.03	125	2,500	M03			
MD182TF**	800-1,800	200	4.8	115.2	800	200	40	50	180	2.5	200	2.65/600	1.65	0.60	0.10	0.04	125	2,500	M03			
MD250TF**	800-1,800	250	5.6	156	800	200	40	80	200	3.0	200	2.23/900	1.30	0.38	0.10	0.04	125	2,500	M05			
MD330TF**	800-1,800	300	7.3	266	800	200	40	80	200	3.0	200	2.15/900	1.28	0.30	0.09	0.04	125	2,500	M05			
MD400TF**	800-1,800	400	7.8	310	800	200	40	100	200	3.0	200	2.40/1,200	1.20	0.47	0.06	0.04	125	3,000	M07			
MD70TF**	2,000-2,500	70	1.4	9.8	800	200	40	30	180	3.0	200	3.20/300	1.50	4.9	0.23	0.04	125	3,000	M02			



Circuit configuration:Cathode Common

ITEM	V _{DRM} /V _{RRM}		I _T (AV)	I _{TSM}	I ² _t	dv/dt		di/dt		t _q	I _{DRM} /I _{RRM}	I _{GT}	V _{GT}	I _H	V _{TM} /I _{TM}	V _{TO}	r _T	R _{th(j-c)}	R _{th(c-h)}	T _{jm}	Viso	Out Line No.
	125°C	85°C				125°C	125°C	125°C	125°C													
UNIT	V	A	kA	kA ² s	V/μs	A/μs	μs	mA	mA	V	mA	V	mA	V/A	V	m·Ω	°C/W	°C	V(AC)			
MC75TF**	800-1,800	75	1.6	13	800	200	40	30	150	2.5	200	2.60/225	1.50	4.00	0.20	0.04	125	2,500	M02			
MC150TF**	800-1,800	150	3.4	58	800	200	40	50	180	2.5	200	2.65/450	1.78	0.70	0.13	0.03	125	2,500	M03			
MC182TF**	800-1,800	200	4.8	115.2	800	200	40	50	180	2.5	200	2.65/600	1.65	0.60	0.10	0.04	125	2,500	M03			
MC250TF**	800-1,800	250	5.6	156	800	200	40	80	200	3.0	200	2.23/900	1.30	0.38	0.10	0.04	125	2,500	M05			
MC330TF**	800-1,800	300	7.3	266	800	200	40	80	200	3.0	200	2.15/900	1.28	0.30	0.09	0.04	125	2,500	M05			
MC330TF**	800-1,800	300	7.3	266	800	200	40	100	200	3.0	200	2.55/1,200	1.28	0.30	0.09	0.04	125	2,500	M05			
MC400TF**	800-1,800	400	7.8	310	800	200	40	100	200	3.0	200	2.40/1,200	1.20	0.47	0.06	0.04	125	3,000	M07			
MC70TF**	2,000-2,500	70	1.4	9.8	800	200	40	30	180	3.0	200	3.20/300	1.50	4.9	0.23	0.04	125	3,000	M02			



Circuit configuration:Anode Common

ITEM	V _{DRM} /V _{RRM}		I _T (AV)	I _{TSM}	I ² _t	dv/dt		di/dt		t _q	I _{DRM} /I _{RRM}	I _{GT}	V _{GT}	I _H	V _{TM} /I _{TM}	V _{TO}	r _T	R _{th(j-c)}	R _{th(c-h)}	T _{jm}	Viso	Out Line No.
	125°C	85°C				125°C	125°C	125°C	125°C													
UNIT	V	A	kA	kA ² s	V/μs	A/μs	μs	mA	mA	V	mA	V	mA	V/A	V	m·Ω	°C/W	°C	V(AC)			
MR75TF**	800-1,800	75	1.6	13	800	200	40	30	150	2.5	200	2.60/225	1.50	4.00	0.20	0.04	125	2,500	M02			
MR150TF**	800-1,800	150	3.4	58	800	200	40	50	180	2.5	200	2.65/450	1.78	0.70	0.13	0.03	125	2,500	M03			
MR182TF**	800-1,800	200	4.8	115.2	800	200	40	50	180	2.5	200	2.65/600	1.65	0.60	0.10	0.04	125	2,500	M03			
MR250TF**	800-1,800	250	5.6	156	800	200	40	80	200	3.0	200	2.23/900	1.30	0.38	0.10	0.04	125	2,500	M05			
MR330TF**	800-1,800	300	7.3	266	800	200	40	80	200	3.0	200	2.15/900	1.28	0.30	0.09	0.04	125	2,500	M05			
MR330TF**	800-1,800	300	7.3	266	800	200	40	100	200	3.0	200	2.55/1,200	1.28	0.30	0.09	0.04	125	2,500	M05			
MR400TF**	800-1,800	400	7.8	310	800	200	40	100	200	3.0	200	2.40/1,200	1.20	0.47	0.06	0.04	125	3,000	M07			
MR70TF**	2,000-2,500	70	1.4	9.8	800	200	40	30	180	3.0	200	3.20/300	1.50	4.9	0.23	0.04	125	3,000	M02			