

Diode & Thyristor Modules



WUXI GOLD CONTROL TECHNOLOGY CO.,LTD.

$I_{F(AV)}=20A \sim 500A$, $V_{RRM}=800V \sim 5000V$, $T_{jm}=150^{\circ}C$, $V_{ISO} \geq 2.5KV_{(RMS)}$

The parameters in the table are the ratings and characteristics of each diode chip in module

Suitable for types: MD, MDC, MDK, MDA



Rectifier Bridges Module



TYPE	V _{RRM} (V)	I _{RRM} (mA)	I _{F(AV)} T _C		I _{F(RMS)} (A)	I _{FSM} (A)	V _{TO} (V)	V _{FM} (V)	R _{th(j-c)} (°C/W)	Fig	Circuit
			(A)	(°C)							
MD20	800 ~ 2500	≤10	20	100	31	450	0.85	≤1.50	0.80	10	 MD
MD50	800 ~ 2500	≤10	50	100	78	1000	0.85	≤1.50	0.80	10	
MD100	800 ~ 2500	≤15	100	90	156	2000	0.85	≤1.50	0.55	11	
MD200	800 ~ 2500	≤20	200	90	310	3680	0.80	≤1.50	0.23	11	 MDC
MDC25	800 ~ 2500	≤10	25	100	40	450	1.30	≤1.50	0.80	1	
MDC40	800 ~ 2500	≤10	40	100	65	650	1.10	≤1.50	0.80	1	
MDC55	800 ~ 2500	≤10	55	90	86	1000	1.0	≤1.50	0.80	1	 MDK
MDC70	800 ~ 2500	≤10	70	90	110	1200	0.80	≤1.50	0.80	1	
MDC90	800 ~ 2500	≤10	90	90	140	1600	0.70	≤1.50	0.70	2	
MDC110	800 ~ 2500	≤10	110	90	170	1920	0.85	≤1.50	0.85	2	 MDA
MDC130	800 ~ 2500	≤15	130	90	200	2350	0.85	≤1.60	0.85	2	
MDC160	800 ~ 2500	≤15	160	90	250	2900	0.80	≤1.60	0.80	2	
MDC200	800 ~ 2500	≤20	200	90	310	3680	0.80	≤1.60	0.80	2	 MDA
MDC250	800 ~ 2500	≤20	250	90	390	4710	0.75	≤1.80	0.75	3	
MDC300	800 ~ 2500	≤20	300	90	470	5650	0.75	≤1.80	0.75	3	
MDC350	800 ~ 2500	≤30	350	85	550	6590	0.75	≤1.80	0.75	See website	 MDA
MDC400	800 ~ 2500	≤30	400	85	630	7540	0.80	≤1.80	0.80	See website	
MDC500	800 ~ 2500	≤30	500	85	785	9400	0.80	≤1.80	0.80	See website	