

Diode & Thyristor Modules



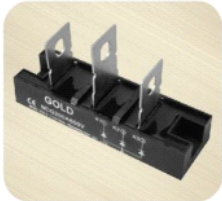
WUXI GOLD CONTROL TECHNOLOGY CO.,LTD.

Innovation and Service

$I_{F(AV)}=35A \sim 300A$, $V_{RRM}=400V \sim 2500V$, $T_{jm}=150^{\circ}C$

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

Suitable for types: MDG、MDY



Three Phase Half bridge Rectifier Modules(non-isolated type)



TYPE	V _{RRM} (V)	I _{RRM} (mA)	I _{F(AV)} T _c		I _{F(RMS)} (A)	V _{FM} (V)	V _{TO} (V)	R _{th(j-c)} ($^{\circ}C/W$)	Fig	Circuit
			(A)	($^{\circ}C$)						
MDG35	400 ~ 2500	≤ 10	35	100	55	≤ 1.3	1.0	1.28	8	
MDG55	400 ~ 2500	≤ 10	55	90	86	≤ 1.3	1.0	0.98	8	
MDG70	400 ~ 2500	≤ 10	70	90	110	≤ 1.3	0.8	0.78	8	
MDG90	400 ~ 2500	≤ 10	90	85	140	≤ 1.3	0.8	0.66	8、14	
MDG110	400 ~ 2500	≤ 10	110	85	170	≤ 1.3	0.85	0.53	8、14	
MDG130	400 ~ 2500	≤ 15	130	85	200	≤ 1.3	0.85	0.45	8、14	
MDG150	400 ~ 2500	≤ 15	150	85	236	≤ 1.3	0.8	0.39	8、14	
MDG200	400 ~ 2500	≤ 15	200	85	310	≤ 1.5	0.9	0.27	8、14	
MDG250	400 ~ 2500	≤ 20	250	85	390	≤ 1.5	0.8	0.22	See website	
MDG300	400 ~ 2500	≤ 20	300	80	470	≤ 1.5	0.75	0.19	See website	