

Diode Modules, Single and Dual

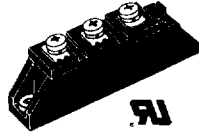

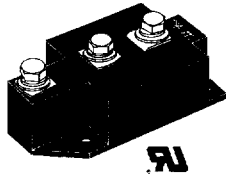
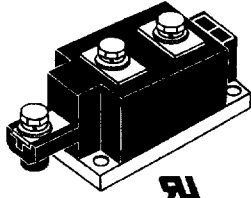
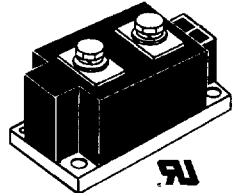


MDO

MDD

MDA

$$I_{FAV} = 36-560 \text{ A}$$

Type	V_{FRM}	I_{FAV} @ T_C	I_{FRMS}	I_{FSM} 45°C 10ms	V_{TO}	r_T	T_{VJM}	R_{thJC} per Chip	R_{thCH} per Chip	Fig. No.	Package style Outline drawings on page 91-100
	V	A	°C	A	A	V	m	°C	K/W		
MDA 72-08N1B MDA 72-14N1B MDA 72-16N1B	800 1400 1600	99 100	180	1700	0.8	2.3	150	0.35	0.2	26	Fig. 26 TO-240 AA Weight = 90 g 
MDD 26-08N1B MDD 26-12N1B MDD 26-14N1B MDD 26-16N1B MDD 26-18N1B	800 1200 1400 1600 1800	36 100	60	650	0.8	6.1	150	1.0	0.2		
MDD 44-08N1B MDD 44-12N1B MDD 44-14N1B MDD 44-16N1B MDD 44-18N1B	800 1200 1400 1600 1800	59 100	100	1150	0.8	4.3	150	0.59	0.2		
MDD 56-08N1B MDD 56-12N1B MDD 56-14N1B MDD 56-16N1B MDD 56-18N1B	800 1200 1400 1600 1800	71 100	150	1400	0.8	3.0	150	0.51	0.2		
MDD 72-08N1B MDD 72-12N1B MDD 72-14N1B MDD 72-16N1B MDD 72-18N1B	800 1200 1400 1600 1800	99 100	180	1700	0.8	2.3	150	0.35	0.2		
MDD 95-08N1B MDD 95-12N1B MDD 95-14N1B MDD 95-16N1B MDD 95-18N1B MDD 95-20N1B MDD 95-22N1B	800 1200 1400 1600 1800 2000 2200	120 105	180	2800	0.75	1.95	150	0.26	0.2		
MDD 142-08N1 MDD 142-12N1 MDD 142-14N1 MDD 142-16N1 MDD 142-18N1	800 1200 1400 1600 1800	165 100	300	4700	0.8	1.3	150	0.21	0.1	31	Fig. 31 Weight = 120 g 
MDD 172-08N1 MDD 172-12N1 MDD 172-14N1 MDD 172-16N1 MDD 172-18N1	800 1200 1400 1600 1800	190 100	300	6600	0.8	0.8	150	0.21	0.1		
MDD 220-08N1 MDD 220-12N1 MDD 220-14N1 MDD 220-16N1	800 1200 1400 1600	270 100	450	8500	0.75	0.9	150	0.129	0.04	35	Fig. 35 Weight = 310 g 
MDD 250-08N1 MDD 250-12N1 MDD 250-14N1 MDD 250-16N1	800 1200 1400 1600	290 100	450	11000	0.75	0.75	150	0.129	0.04		
MDD 255-12N1 MDD 255-14N1 MDD 255-16N1 MDD 255-18N1 MDD 255-20N1 MDD 255-22N1	1200 1400 1600 1800 2000 2200	270 100	450	9500	0.8	0.6	150	0.140	0.04	37	Fig. 37 Weight = 750 g 
MDD 310-08N1 MDD 310-12N1 MDD 310-14N1 MDD 310-16N1 MDD 310-18N1 MDD 310-20N1 MDD 310-22N1	800 1200 1400 1600 1800 2000 2200	305 100	480	11500	0.75	0.63	150	0.129	0.04		
MDD 312-12N1 MDD 312-14N1 MDD 312-16N1 MDD 312-18N1 MDD 312-20N1 MDD 312-22N1	1200 1400 1600 1800 2000 2200	310 100	520	10500	0.8	0.6	150	0.120	0.04	39	Fig. 39 Weight = 730 g 
MDO 500-12N1 MDO 500-14N1 MDO 500-16N1 MDO 500-18N1 MDO 500-20N1 MDO 500-22N1	1200 1400 1600 1800 2000 2200	560 85	880	15000	0.8	0.38	140	0.072	0.024		

Data according to IEC 60747 and refer to a single diode unless otherwise stated.