

Standard Recovery Power Modules



MD25-110A



MD130-160A



MD130-250A



MT200-300A



MT350-500A

Feature

- IT(AV)=5-5000A
- V DRM/V RRM=100-5000V
- 6000RMS base plate \geq 3000RMS
- Industrial Standard Package
- High Surge Capability
- Simple Mounting
- Conform to national standard
- In accordance with IEC international electrical committee standard

Typical application

- DC Motor Control and Drives
- Battery Charges
- Welders
- AC/DC Converters
- DC power supplies
- Machine tool controls

Characteristic

Series	IF(AV) A	IT(RSM) A	VFM V	VRRM V	IRRM mA	Tj °C	Rjc °C/W	VISO V	Weight g	Outline NO
MD	25	40	≤ 1.4	500 ~ 2500	≤ 5	-40 ~ 150	≤ 1.10	≥ 2500	160	A
	55	90					≤ 0.51		160	
	90	140					≤ 0.31		160	
	100	155					≤ 0.2			
	110	170					≤ 0.28		160	
	130	210					≤ 0.17		370	
	160	250	≤ 1.6		≤ 8	≤ 0.15	370		B,C	
	200	320				≤ 0.11	845		C,D	
	250	400				≤ 0.10	845			
	300	480				≤ 0.08	1410			
	350	400	≤ 10			≤ 0.06	1420		E	
	400	640				≤ 0.04	1430			
	450	720				≤ 0.04	1440			
	600	910				≤ 0.03				
800	1250				≤ 0.02		F			

Series	IT(AV) A	IT(RSM) A	VTM V	VRRM VDRM V	IRRM mA	IGT mA	VGT V	IH mA	Dv/dt V/ μ s	Tj °C	Rjc °C/W	VISO V	Weight g	Outline NO
MT	25	40	≤ 1.5		≤ 5					-40 ~ +125	≤ 1.10	≥ 2500	160	A
	55	88									≤ 0.51		160	
	90	144									≤ 0.31		160	
	110	176									≤ 1.8		≤ 10	
	130	208	≤ 0.17	370										
	160	256	≤ 2.0	600 ~ 2500	≤ 15	20 ~ 150	0.5 ~ 2.5	20 ~ 150			≤ 0.15		370	B,C
	200	320									≤ 0.11		845	C,D
	250	400									≤ 0.10		845	
	300	480									≤ 0.08		1410	
	350	560	≤ 20								≤ 0.06		1420	E
	400	640									≤ 0.04		1430	
	450	720									≤ 0.04		1440	
	600	910									≤ 0.03			
	800	1250							≤ 0.02		Fa			