

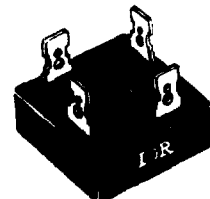
Power Modules

Single Phase Diode Bridges

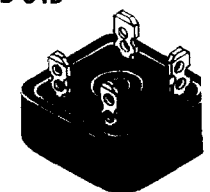
10–35 Amps

International
IOR Rectifier

Part Number		V _{RRM} (V)	I _O T _C		V _{FM} @ I _F (4)		I _{FSM} (1)	I _{FSM} (1)	R _{thJC} DC (2) (°C/W)	Case Outline Number (7)	Notes	Case Style
	U.S. Series		(A)	(°C)	(V)	(A)	50 Hz (A)	60 Hz (A)				
	100JB05L 100JB1L 100JB2L 100JB4L 100JB6L 100JB8L 100JB10L 100JB12L	50 100 200 400 600 800 1000 1200	10	65	1.3	15.7	125	130	3.5	B1	(3)	D-34A
	26MB05A 26MB10A 26MB20A 26MB40A 26MB60A 26MB80A 26MB100A 26MB120A	50 100 200 400 600 800 1000 1200	25	65	1.1	55	335	350	1.8			
	36MB05A 36MB10A 36MB20A 36MB40A 36MB60A 36MB80A 36MB100A 36MB120A	50 100 200 400 600 800 1000 1200	35	55	1.2	55	400	420	1.4			
	26MB05B 26MB10B 26MB20B 26MB40B 26MB60B 26MB80B 26MB100B	50 100 200 400 600 800 1000	25	55	1.2	39	285	300	2.3	B2	(6)	D-34B
	36MB05B 36MB10B 36MB20B 36MB40B 36MB60B 36MB80B 36MB100B	50 100 200 400 600 800 1000	35	55	1.2	55	380	400	1.6			



UL
RECOGNIZED
File no. E62320

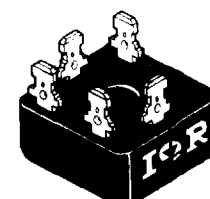


UL
RECOGNIZED
File no. E62320

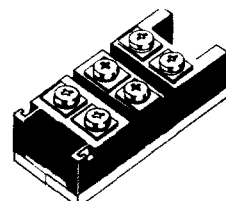
Three Phase Diode Bridges

25–210 Amps

26MT5A 26MT10A 26MT20A 26MT40A 26MT60A 26MT80A 26MT100A 26MT120A		50 100 200 400 600 800 1000 1200	25	55	1.13	40	330	350	2.00	B3	(3)	D-63
36MT5A 36MT10A 36MT20A 36MT40A 36MT60 36MT80 36MT100A 36MT120A		50 100 200 400 600 800 1000 1200	35	60	1.07	40	400	420	1.40			
90MT100K 90MT120K 90MT140K 90MT160		1000 1200 1400 1600	130	59	1.62	150	850	890	0.183	B4	(5)	
110MT100K 110MT120K 110MT140K 110MT160K		1000 1200 1400 1600	155	59	1.46	150	950	995	0.158			
130MT100K 130MT120K 130MT140K 130MT160K		1000 1200 1400 1600	175	65	1.58	200	1150	1200	0.125			
160MT100K 160MT120K 160MT140K 160MT160K		1000 1200 1400 1600	210	67	1.38	200	1300	1360	0.108			



UL
RECOGNIZED
File no. E62320



(1) 100% V_{RRM} reapplied. T_J = T_J max = 170°C for V_{RRM} up to 600V and T_J = 150°C for V_{RRM} 800 to 1200V. For 90MT..K, 110MT..K, 130MT..K and 160MT..K: T_J=T_J max no voltage reapplied.

(2) Value given for R_{thJC} is per module.

(3) RMS isolation voltage = 3500V–50 Hz.

(4) T_J = 25°C for 100JB..L, 250JB..L, 26MB..A, 36MB..A, 26MT..A and 36MT..A—Per junction.

(5) RMS Isolation voltage = 2500V–50 Hz.

(6) RMS Isolation voltage = 2700V–50 Hz.

(7) For case outline drawing see page 157.