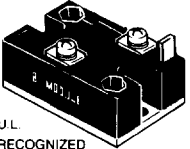
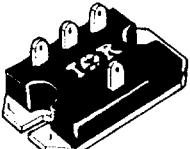


Power Modules


AC Controllers



Single Phase (Back to Back SCRs)

Part Number	V _{RRM} V _{DRM} (V)	I _{T(RMS)} @ T _c		I _{TSM} (5)		V _{TM} @ I _{TM}		R _{thJC} (6) (K/W)	Case Outline Number (4)	Notes	Case Style	
		(A)	(°C)	50 Hz (A)	60 Hz (A)	(V)	(A)					
B40A10 B40A20 B40A40 B40A60 B40A80 B40A100 B40A120	— — — — — — —	100 200 400 600 800 1000 1200	40	97	330	345	1.6	75	0.525	M2	(2)	 U.L. RECOGNIZED File no: E78996
P141 P142 P143 P144 P145	P141K P142K P143K P144K P145K	400 600 800 1000 1200	28	85	300	315	1.35	40	1.12	M1	(3)	 U.L. RECOGNIZED File no: E78996
P441 P442 P443 P444 P445	P441K P442K P443K P444K P445K	400 600 800 1000 1200	44	85	325	340	1.35	65	0.58			

Three Phase (3 Back to Back SCRs)

Part Number	V _{RRM} V _{DRM} (V)	I _{T(RMS)} @ T _c		I _{TSM} (5)		V _{TM} @ I _{TM}		R _{thJC} DC (6) (K/W)	Case Outline Number (4)	Notes	Case Style
		(A)	(°C)	50 Hz (A)	60 Hz (A)	(V)	(A)				
54MT80K 54MT100K 54MT120K 54MT140K 54MT160K	800 1000 1200 1400 1600	50	80	330	345	2.68	150	0.187	B5	(7)	 U.L. RECOGNIZED File no: E78996
94MT80K 94MT100K 94MT120K 94MT140K 94MT160K	800 1000 1200 1400 1600	90	80	800	840	1.55	150	0.137			
104MT80K 104MT100K 104MT120K 104MT140K 104MT160K	800 1000 1200 1400 1600	100	80	950	1000	1.53	150	0.119			

- (1) This series offers voltage suppression.
 (2) RMS Isolation voltage 3500V-50 Hz.

- (3) RMS Isolation voltage 2500V-50 Hz.
 (4) For case outline drawing see page 0-2.

- (5) 100% V_{RRM} applied T_j = 125°C.
 (6) Per module.
 (7) RMS Isolation voltage 4000V-50 Hz.