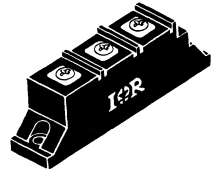


# Power Modules

## Thyristor/Thyristor

Part Number (3) (4)		V <sub>RRM</sub> V <sub>DRM</sub> (V)	I <sub>T</sub> (AV) @ T <sub>c</sub>		I <sub>TSM</sub> (7)		R <sub>thJC</sub> DC (1) (K/W)	Case Outline Number (8)	Notes	Case Style
			(A)	(°C)	50 Hz (A)	60 Hz (A)				
P171 P172 P173 P174 P175	— — — — —	400 600 800 1000 1200	12.5	85	300	315	1.12	<b>M1</b>	(6)	 U.L. RECOGNIZED File no: E78996
P471 P472 P473 P474 P475	— — — — —	400 600 800 1000 1200	20	85	325	340	0.525			
B25DS10 B25DS20 B25DS40 B25DS60 B25DS80 B25DS100 B25DS120	B25CS10 B25CS20 B25CS40 B25CS60 B25CS80 B25CS100 B25CS120	100 200 400 600 800 1000 1200	25	70	330	345	0.525	<b>M2</b>	(2)	 U.L. RECOGNIZED File no: E78996
IRKT26/04 IRKT26/06 IRKT26/08 IRKT26/10 IRKT26/12	— — — — —	400 600 800 1000 1200	25	85	385	400	0.400	<b>M4</b>	(10) (2)	 U.L. RECOGNIZED File no: E78996
IRKT26/14 IRKT26/16	— —	1400 1600	25	80	450	470	0.400			
IRKT41/04 IRKT41/06 IRKT41/08 IRKT41/10 IRKT41/12	— — — — —	400 600 800 1000 1200	40	85	715	750	0.300			
IRKT41/14 IRKT41/16 IRKT41/18	— — —	1400 1600 1800	40	80	650	680	0.300			
IRKT56/04 IRKT56/06 IRKT56/08 IRKT56/10 IRKT56/12	— — — — —	400 600 800 1000 1200	55	85	1100	1150	0.250			
IRKT56/14 IRKT56/16 IRKT56/18	— — —	1400 1600 1800	55	80	1050	1100	0.250			
IRKT71/04 IRKT71/06 IRKT71/08 IRKT71/10 IRKT71/12	— — — — —	400 600 800 1000 1200	70	85	1400	1470	0.195			
IRKT71/14 IRKT71/16 IRKT71/18	— — —	1400 1600 1800	70	80	1300	1360	0.195			
IRKT91/04 IRKT91/06 IRKT91/08 IRKT91/10 IRKT91/12	— — — — —	400 600 800 1000 1200	90	85	1400	1470	0.145			
IRKT91/14 IRKT91/16 IRKT91/18	— — —	1400 1600 1800	90	80	1300	1360	0.145			

- (1) Value given for R<sub>thJC</sub> is per module.  
 (2) RMS isolation voltage: 3500V-50 Hz.  
 (3) Doubler circuit, positive control.  
 (4) Center tap, circuit common  
 cathode - contact factory.

- (6) RMS isolation voltage: 2500V-50 Hz.  
 (7) 100% V<sub>RRM</sub> reapplied. T<sub>j</sub> = T<sub>j</sub> max. = 125°C.  
 (8) For case outline drawing see page 0-2.

- (10) New generation of ADD-A-Pak modules are identified by a "/" (slash) in the part number instead of the "-" of the old part number. Contact factory for new type availability.