

Thyristors

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	Type	V _{RRM} V _{DRM} V	V _{RSM} V	V _{GT} @ 25°C V	I _{GT} @ 25°C mA	dv/dt V/μs	di/dt A/μs	I _H mA	I _{TSM} A	Maximum Fusing Condition		Out- line
										I _t A	I ² _t A ² s	
I_{T(RMS)} = 180A I _{T(AV)} = 115A T _{case} = 85°C Bulletin 2543	115PA50	500	600				300					
	115PA60	600	720				300					
	115PA80	800	960				225					
	115PA100	1000	1200				225					
	115PA110	1100	1320				150					
	115PA120	1200	1440	2-5	150	200	150	500	1450	2460	10500	7
	115PA130	1300	1550				150					
	115PA140	1400	1650				150					
	115PA150	1500	1750				100					
	115PA160	1600	1900				100					

I_{T(RMS)} = 235A I _{T(AV)} = 150A T _{case} = 80°C Bulletin 2555	151RC10A†	100	150				100					
	151RC20A	200	300				100					
	151RC30A	300	400				100					
	151RC40A	400	500				100					
	151RC50A	500	600	2-5	150	20	100	100.	3200	5450	50000	9
	151RC60A	600	720				100					
	151RC70A	700	840				75					
	151RC80A	800	960				75					

I_{T(RMS)} = 235A I _{T(AV)} = 150A T _{case} = 85°C Bulletin 2524	151RA50†	500	600				300					
	151RA60	600	720				300					
	151RA70	700	840				225					
	151RA80	800	960				225					
	151RA90	900	1080				225					
	151RA100	1000	1200				225					
	151RA110	1100	1320	2-5	150	200	150	500	3870	6700	75000	9
	151RA120	1200	1440				150					
	151RA130	1300	1550				150					
	151RA140	1400	1650				150					

†To specify Flat base types to outline 11 change 151 to 153 on type number [3].

I_{T(RMS)} = 270A I _{T(AV)} = 170A T _{case} = 70°C Bulletin 2589	171RC10†	100	150									
	171RC20	200	300									
	171RC30	300	400									
	171RC40	400	500									
	171RC50	500	600	2-5	150	200	200	200	3400	5100	57800	15
	171RC60	600	700									
	171RC70	700	800									
	171RC80	800	900									
	171RC90	900	1000									
	171RC100	1000	1100									

Fast turn-off versions available [7]. For Metric Thread versions, add M to code e.g. 171 RC120M [8]

I_{T(RMS)} = 270A I _{T(AV)} = 170A T _{case} = 80°C Bulletin 2590	171RK80†	800	900									
	171RK90	900	1000									
	171RK100	1000	1100									
	171RK110	1100	1200									
	171RK120	1200	1300	2-5	150	500	800	250	3900	5850	76000	9
	171RK130	1300	1400									
	171RK140	1400	1500									
	171RK150	1500	1600									
	171RK160	1600	1700									

Fast turn-off versions available [7]. For Metric Thread versions, add M to code e.g. 171 RK120M [8]

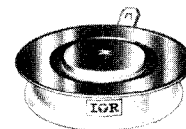
†To specify Flat base types to outline 11 change 171 to 173 on type number [3].

I_{T(RMS)} = 275A I _{T(AV)} = 175A T _{case} = 85°C Bulletin 2544	175PA50	500	600				300					
	175PA60	600	720				300					
	175PA80	800	960				225					
	175PA100	1000	1200				225					
	175PA110	1100	1320				150					
	175PA120	1200	1440	2-5	200	200	150	500	3000	5200	45000	7
	175PA130	1300	1550				150					
	175PA140	1400	1650				150					
	175PA150	1500	1750				100					
	175PA160	1600	1900				100					

'ACE' gate versions available -- di/dt 800A/μS [9].

I_{T(RMS)} = 400A I _{T(AV)} = 250A T _{case} = 70°C Bulletin 2545	250PA50	500	600				300					
	250PA60	600	720				300					
	250PA80	800	960				225					
	250PA100	1000	1200				225					
	250PA110	1100	1320				150					
	250PA120	1200	1440	2-5	150	200	150	500	3900	6700	75000	7
	250PA130	1300	1550				150					
	250PA140	1400	1650				150					
	250PA150	1500	1750				100					
	250PA160	1600	1900				100					

'ACE' gate versions available -- di/dt 800A/μS [9].



115PA, 175PA, 250PA,
300PA, 320PAC



151RC-A, 151RA,
171RK