





# Phase Control - SCR (cont'd)

IT RMS	IT Max Forward Current (Amps)				
	All Conduction Angles		IT Ave - Conduction Angle = 180°		
VDRM	RMS	750 A	820 A	850 A	1880 A
	Av.	400 A	720 A	550 A	1200 A
200				ECG5594	
400					
600	ECG5551	ECG5555	ECG5595	ECG5598	
800					
1200			ECG5596	ECG5599	
1600	ECG5553	ECG5557	ECG5561	ECG5563	
I <sub>GT</sub> Min (mA)	150	200	200	200	
V <sub>GT</sub> Max (V)	3	3	3	3	
I <sub>SURGE</sub> (A)	5000	8000	8000	27,000	
I <sub>Hold</sub> Min (mA)	300	300	300	500	
V <sub>GFM</sub> (V)	5	5	5	5	
V <sub>GRM</sub> (V)	5	5	5	5	
V <sub>F on</sub> (V) Max	2	2	2	1.7	
P <sub>G Av</sub> (W)	3	5	3	3	
Operating Temp. T <sub>j</sub> °C	-40 to +125	-40 to +125	-40 to +125	-40 to +125	
d <sub>v</sub> /d <sub>t</sub> (Max) V/μsec	300	300	300	300	
Non-Repetitive d <sub>i</sub> /d <sub>t</sub> Max Amps/μsec	800	800	800	800	
Fig. No.	Z55	Z73	Z56	Z57	
Package	HT-16 	HT-16A 	HT-23 	HT-29 	

Package Outlines - See Page 1-129

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