



# DIODE BRIDGE MODULES

Type	Connection	Part Number	Ratings and Characteristics									Pkg. No.			
			Rated Voltage	Rated Current	Surge Current	Junction Temp	$I^2t$	Forward Voltage		Thermal Resistance	$t_r$				
			Max. (V)	Max. (A)	Max. (A)	Max. (°C)	A <sup>2</sup> S	Diode	Thyristor	Max. (°C/W)	Max. (μsec)				
DIODE MODULES	3-Phase Diode Bridge	6RI30E	600	30	360	150	150	520	1.10		0.08	R604A			
		6RI50E		50	480			920	1.20	0.42	R605A				
		6RI75E		75	1000			4000	1.15	0.30	R606A				
		6RI100E		100	1200			6000	1.15	0.22	R606A				
		6RI150E		150	1500				1.25	0.125	R607A				
		6RI30G		1200	30			320	400	1.30	0.80	R601			
	6-Chips Bridge Insulated	6RI75G	or	75	1000	4000	1.30	0.30	R606						
		6RI100G	1600	100	1200	6000	1.25	0.22	R606						
	2-Chips Insulated		2RI60E	600	60x2	1200	150	6000	1.30		0.25	R204			
			2RI100E	800	100x2	2000	150	16000	1.30		0.20	R204			
			2RI60G	1200	60x2	1200	150	6000	1.40		0.25	R204			
2RI100G			1600	100x2	2000	150	16000	1.40		0.20	R204				
2RI150E			600	150x2	3200	150	4960	1.30		0.125	R206				
2RI250E			800	250x2	5000	150	10000	1.30		0.10	R206				
DIODE & THYRISTOR MODULES	7-Chips Insulated		4R3TI20Y	800	20	400	125	125	660	1.20	1.30	4.40	R701		
			4R3TI30Y		30	600			1490	1.20	1.40	3.00	R701		
			4R3TI60Y		60	1000			4150	1.20	1.30	1.60	R701		
			6R1TI30Y	800	30	300	125	375	1.20	1.40	0.60	R702			
	6-Chips Insulated		3R3TI20E	800	20	400	125	125	660	1.20	1.30	4.40	R611		
			3R3TI30E		30	600			1490	1.20	1.40	3.00	R611		
			3R3TI60E		60	1000			4150	1.20	1.30	1.60	R611		
	FAST RECOVERY MODULES	Insulated		2FI50A	300	50x2	800	150	150	2560	1.25		0.40	0.5	R201
				2FI100A	600	100x2	1600			10240	1.25	0.20	R201		
2FI200A				600	200x2	3200	4000			1.25	0.12	R207			
2FI50F				300	50x2	800	150	150	2560	1.75		0.40	0.2	R205A	
2FI100F				600	100x2	1600			10240	1.75	0.22	R205A			
2FI50G				1000	50x2	800			2560	1.65	0.40	0.6		R201	
2FI100G					100x2	1200	5760	1.65	0.20	R201					
					1FI150B	600	150	2000	150	150	16000	1.10		0.32	0.5
1FI250B	250	4000	64000		1.10	0.20	R102								