

# DIODE BRIDGE MODULES



Type	Connection	Part Number	Ratings and Characteristics											
			Rated Voltage Max. (V)	Rated Current Max. (A)	Surge Current Max. (A)	Junction Temp Max. (°C)	I <sup>2</sup> t A <sup>2</sup> S	Forward Voltage Max.		Thermal Resistance Max. (°C/W)	t <sub>r</sub> Max. (µsec)	Pkg. No.		
								Diode	Thyristor					
DIODE MODULES	3 Phase Diode Bridge 6 Chips In Bridge Insulated	6RI30E	600	30	360	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		150	400	1.30		0.80		R601	
		6RI75G		75	1000				4000	1.30		0.30		R606
		6RI100G		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		16000	1.30		0.20		R204	
			2RI60G	1200	60x2	1200	150	6000	1.40		0.25		R204	
			2RI100G	1600	100x2	2000		16000	1.40		0.20		R204	
			2RI150E	600	150x2	3200	150	4960	1.30		0.125		R206	
2RI250E			800	250x2	5000	10000		1.30		0.10		R206		
DIODE & THYRISTOR MODULES	7 Chips Insulated	4R3T120Y	800	20	400	125	660	1.20	1.30	4.40		R701		
		4R3T130Y		30	600		1490	1.20	1.40	3.00		R701		
		4R3T160Y		60	1000		4150	1.20	1.30	1.60		R701		
			6R1T130Y	800	30	300	125	375	1.20	1.40	0.60		R702	
	6 Chips Insulated		3R3T120E	800	20	400	125	660	1.20	1.30	4.40		R611	
			3R3T130E		30	600		1490	1.20	1.40	3.00		R611	
			3R3T160E		60	1000		4150	1.20	1.30	1.60		R611	
	FAST RECOVERY MODULES	Insulated		2FI50A	300	50x2	800	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	2560	1.75		0.40	0.2	R205A	
2FI100F				600	100x2	1600		10240	1.75		0.22		R205A	
2FI50G				1000	50x2	800		150	2560	1.65			0.40	0.6
2FI100G		100x2	1200		5760	1.65			0.20	R201				
Non Insulated For Snubber			1FI150B	600	150	2000	150	16000	1.10		0.32	0.5	R102	
			1FI250B		250	4000		64000	1.10		0.20		R102	
			ERG28	1200	30	500	125	1000	3.0		0.80	0.6	SD-3	
	ERG78													
1F80A		60	1000		4000	3.0		0.32		R101				