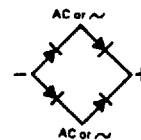


Bridge Rectifiers (silicon)

Single-Phase

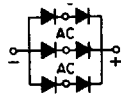


Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)				
	1 A	1.5 A	2 A	4 A	
100			ECG166		
200			ECG167	ECG5309	
400		ECG5304	ECG168		
600	ECG5332	ECG5305	ECG169	ECG5310	
800		ECG5306		ECG5319	
1000	ECG5334	ECG5307	ECG170	ECG5311	
Peak Forward Surge Current (Amps)	50	50	60	250	
Max. Forward Voltage Per. Element VF (Volts)	1.0	1.0	1.0	1.0	
TA at Rated IO (°C) Max	+40	+25	+25	+40	
Fig. No.	Z21	Z22	Z23	Z23-1	Z68A

Peak Reverse Voltage (PRV Volts)	IO, Average Rectified Forward Current (Amps)					
	6 A	8 A	25 A	40 A	80 A	100 A
100		ECG5312				
200	ECG5329	ECG5313	ECG5322	ECG5340		
400		ECG5314	ECG5324			
600	ECG5330	ECG5315	ECG5326	ECG5342	ECG5346	ECG5348
800		ECG5316	ECG5327			
1000	ECG5331	ECG5317	ECG5328	ECG5344		
Peak Forward Surge Current (Amps)	200	125	300	400	800	1000
Max. Forward Voltage Per. Element VF (Volts)	1.0	1.2	1.2	1.1	1.6	1.4
TA at Rated IO (°C) Max	+40	+50	+60	+60	+85	+80
Fig. No.	Z68	Z24	Z25		Z65	

Full Wave Rectifiers

Three-Phase



Peak Reverse Voltage (PRV Volts)	I _o , Average Rectified Forward Current (Amps)	
	60 A	100 A
200		
400		
600	ECG5335	ECG5338
800		
1000		
Peak Forward Surge Current (Amps)	500	800
Max. Forward Voltage Per Element V _F (Volts)	1.25	1.25
T _c at Rated I _o (°C) Max.	+70	+100
Fig. No.	Z66	

Standard Recovery

Peak Reverse Voltage (PRV Volts)	I _o , Average Rectified Forward Current (Amps)
	30 A (15 A/Leg)
200	ECG6200
400	ECG6202
600	ECG6204
IFM Surge (Per Diode)	250 A
T _c @ Rated I _o Max (°C)	+100
Forward Voltage Drop @ Rated I _o , V _F (Volts) (Per Diode)	1 Typ 1.2 Max
Fig. No.	Z43
Package	TO-3 Case/Cathode

Fast Recovery

Peak Reverse Voltage (PRV Volts)	I _o , Average Rectified Forward Current (Amps)
	30 A (15 A/Leg)
200	ECG6206
400	ECG6208
600	ECG6210
IFM Surge (Per Diode)	150 A
T _c @ Rated I _o Max (°C)	+100
Forward Voltage Drop @ Rated I _o , V _F (Volts) (Per Diode)	1 Typ 1.4 Max
Fig. No.	Z43
Package	TO-3 Case/Cathode

Ultra Fast Recovery

Peak Reverse Voltage (PRV Volts)	I _o , Average Rectified Forward Current (Amps)				
	16 A (8 A/Leg)		30 A (15 A/Leg)		
200	ECG6240	ECG6244		ECG6246	
400					
600			ECG6241		ECG6247
IFM Surge (Per Diode)	100 A	200 A	100 A	200 A	150 A
T _c @ Rated I _o Max (°C)	+150	+100	+150	+150	+145
Forward Voltage Drop @ Rated I _o , V _F (Volts) (Per Diode)	.90	.95	1.5	.85	1.5
Reverse Recovery Time (ns)	35	35	50	35	60
Fig. No.	Z41B			Z41C	
Package	TO-220			TO-3P (TO-218)	