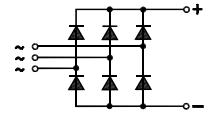


Three Phase Rectifier Bridges



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Type	V_{RRM}	V_{VRMS}	I_{DAV}	T_C	I_{FSM} 45°C 10ms	V_{TO}	r_T	T_{VJM}	R_{thJC}	R_{thJH}	Figure	Package style see outlines starting at page 86
	V	V							A	°C		
PSD 25/08	800	250	25	63	380	0.85	12	150	9.3	10.2	26	Fig. 25 Weight = 16 g
PSD 25/12	1200	400							-----	-----		
PSD 25/14	1400	440							1.55	1.70		
PSD 25/16	1600	500							-----	-----		
PSD 25/18	1800	575							-----	-----		
PSD 27/06	600	180	28	100	100	0.8	40	150	2.3	2.8	24	 ECO-PAC™ 1
PSD 27/08	800	250							-----	-----		
PSD 27/12	1200	400							0.38	0.47		
PSD 28/06	600	250	28	100	100	0.8	40	150	2.3	2.8	25	
PSD 28/08	800	400							-----	-----		
PSD 28/12	1200	440							0.38	0.47		
PSD 31/08	800	250	60	100	450	0.8	10	150	1.55	2.1	6	Fig. 24 Weight = 10 g " s l i m p a c "
PSD 31/12	1200	400							-----	-----		
PSD 31/14	1400	440							0.258	0.35		
PSD 31/16	1600	500							-----	-----		
PSD 31/18	1800	575							-----	-----		
PSD 35/08	800	250	38	85	400	0.85	12	150	4.2	4.8	27	
PSD 35/12	1200	400							-----	-----		
PSD 35/14	1400	440							0.70	0.80		
PSD 35/16	1600	500							-----	-----		
PSD 35/18	1800	575							-----	-----		
PSD 36/08	800	250	35	62	550	0.8	7.4	150	7.5	8.4	26	Fig. 26 Weight = 22 g
PSD 36/12	1200	400							-----	-----		
PSD 36/14	1400	440							1.25	1.40		
PSD 36/16	1600	500							-----	-----		
PSD 36/18	1800	575							-----	-----		
PSD 41/08	800	250	70	100	550	0.8	8	150	1.45	1.9	6	
PSD 41/12	1200	400							-----	-----		
PSD 41/14	1400	440							0.242	0.317		
PSD 41/16	1600	500							-----	-----		
PSD 41/18	1800	575							-----	-----		
PSD 50/08	800	250	80	110	675	0.8	5	150	1.1	1.52	7	Fig. 27 Weight = 110 g
PSD 50/12	1200	400							-----	-----		
PSD 50/14	1400	440							0.183	0.253		
PSD 50/16	1600	500							-----	-----		
PSD 50/18	1800	575							-----	-----		
PSD 51/08	800	250	85	100	750	0.85	6	150	1.3	1.6	6	
PSD 51/12	1200	400							-----	-----		
PSD 51/14	1400	440							0.22	0.27		
PSD 51/16	1600	500							-----	-----		
PSD 51/18	1800	575							-----	-----		
PSD 55/08	800	250	58	85	750	0.85	8	150	2.7	3.06	28	Fig. 28 Weight = 205 g
PSD 55/12	1200	400							-----	-----		
PSD 55/14	1400	440							0.45	0.51		
PSD 55/16	1600	500							-----	-----		
PSD 55/18	1800	575							-----	-----		
PSD 61/08	800	250	100	100	1000	0.80	5	150	1.12	1.5	6	
PSD 61/12	1200	400							-----	-----		
PSD 61/14	1400	440							0.187	0.25		
PSD 61/16	1600	500							-----	-----		
PSD 61/18	1800	575							-----	-----		
PSD 62/08	800	250	63	110	550	0.8	8	150	1.45	1.87	1	Fig. 6 Weight = 100 g
PSD 62/12	1200	400							-----	-----		
PSD 62/14	1400	440							0.24	0.31		
PSD 62/16	1600	500							-----	-----		
PSD 62/18	1800	575							-----	-----		
PSD 63/08	800	250	75	100	1000	0.8	8	150	0.58	0.825		
PSD 63/12	1200	400							-----	-----		
PSD 63/14	1400	440							0.097	0.138		
PSD 63/16	1600	500							-----	-----		
PSD 63/18	1800	575							-----	-----		

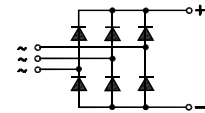
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Type	V _{RRM}	V _{VRMS}	I _{DAV}	T _C	I _{FSM} 45°C 10ms	V _{TO}	r _T	T _{VJM}	R _{thJC} Chip ----- Module K/W	R _{thJH} Chip ----- Module K/W	Figure	Package style see outlines starting at page 86
	V	V	A	°C	A	V	mΩ	°C				
PSD 67/06 PSD 67/08 PSD 67/12 PSD 67/14 PSD 67/16 PSD 67/18	600 800 1200 1400 1600 1800	180 250 400 440 500 575	68	100	300	0.8	13	150	1.1 ----- 0.18	1.6 ----- 0.27	24	Fig. 29 Weight = 240 g 
PSD 68/06 PSD 68/08 PSD 68/12 PSD 68/14 PSD 68/16 PSD 68/18	600 800 1200 1400 1600 1800	180 250 400 440 500 575	68	100	300	0.8	13	150	1.1 ----- 0.18	1.6 ----- 0.27	25	
PSD 75/08 PSD 75/12 PSD 75/14 PSD 75/16 PSD 75/18	800 1200 1400 1600 1800	250 400 440 500 575	95	85	1000	0.8	6	150	1.28 ----- 0.213	1.38 ----- 0.23	29	Fig. 1 Weight = 160 g 
PSD 82/08 PSD 82/12 PSD 82/14 PSD 82/16 PSD 82/18	800 1200 1400 1600 1800	250 400 440 500 575	88	110	750	0.8	5	150	1.1 ----- 0.183	1.52 ----- 0.253	1	
PSD 83/08 PSD 83/12 PSD 83/14 PSD 83/16 PSD 83/18	800 1200 1400 1600 1800	250 400 440 500 575	100	100	1200	0.8	5	150	0.58 ----- 0.097	0.825 ----- 0.138		Fig. 25 Weight = 16 g
PSD 86/06 PSD 86/08 PSD 86/12 PSD 86/14 PSD 86/16 PSD 86/18	600 800 1200 1400 1600 1800	180 250 400 440 500 575	86	90	530	0.8	7.5	150	1.2 ----- 0.2	1.5 ----- 0.25	25	 ECO-PAC™ 1
PSD 95/08 PSD 95/12 PSD 95/14 PSD 95/16 PSD 95/18	800 1200 1400 1600 1800	250 400 440 500 575	140	85	1200	0.8	5	150	0.9 ----- 0.15	1.1 ----- 0.183	7	Fig. 7 Weight = 220 g
PSD 98/08 PSD 98/12 PSD 98/14 PSD 98/16	800 1200 1400 1600	250 400 440 500	100	85	750	0.8	6	150	1.2 ----- 0.2	1.5 ----- 0.25	68	
PSD 105/08 PSD 105/12 PSD 105/14 PSD 105/16 PSD 105/18	800 1200 1400 1600 1800	250 400 440 500 575	160	85	1500	0.8	5	150	0.83 ----- 0.138	1.13 ----- 0.188	29	
PSD 108/08 PSD 108/12 PSD 108/14 PSD 108/16	800 1200 1400 1600	250 400 440 500	117	100	900	0.8	4	150	0.85 ----- 0.142	1.15 ----- 0.192	68	Fig. 68 Weight = 22 g
PSD 112/08 PSD 112/12 PSD 112/14 PSD 112/16 PSD 112/18	800 1200 1400 1600 1800	250 400 440 500 575	127	90	1200	0.8	4	150	0.9 ----- 0.15	1.08 ----- 0.18	2	 ECO-PAC™ 2
PSD 125/08 PSD 125/12 PSD 125/14 PSD 125/16 PSD 125/18	800 1200 1400 1600 1800	250 400 440 500 575	166	85	1800	0.8	3	150	0.83 ----- 0.138	1.13 ----- 0.188	29	
PSD 162/08 PSD 162/12 PSD 162/14 PSD 162/16 PSD 162/18	800 1200 1400 1600 1800	250 400 440 500 575	175	90	1800	0.8	3	150	0.65 ----- 0.108	0.83 ----- 0.138	2	
PSD 192/08 PSD 192/12 PSD 192/14	800 1200 1400	250 400 440	248	90	2800	0.8	2.2	150	0.45 ----- 0.075	0.6 ----- 0.1		

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