

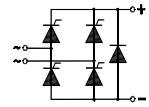
PSBT 125/08	800	250	123	85	1500	0.85	3.2	125	0.46	0.55
PSBT 125/12	1200	400							-----	-----
PSBT 125/14	1400	440							0.115	0.137
PSBT 125/16	1600	500								

\* UL release applied

## Single Phase Full Controlled Rectifier Bridges



released, E 148688

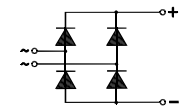


### 1 ~ Full Controlled Rectifier Bridges with freewheeling diode, B2CF

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		
PSCT 50/08	800	250	53	85	550	0.85	11	125	0.9	1.1	6	Fig. 2 Weight = 270 g
PSCT 50/12	1200	400							-----	-----		
PSCT 50/14	1400	440							0.18	0.22		
PSCT 50/16	1600	500							-----	-----		
PSCT 55/08	800	250	46	85	520	0.85	11	125	1.2	1.31	7	
PSCT 55/12	1200	400							-----	-----		
PSCT 55/14	1400	440							0.24	0.262		
PSCT 55/16	1600	500							-----	-----		
PSCT 75/08	800	250	74	85	1150	0.85	5.33	125	0.66	0.93	2	Fig. 6 Weight = 100 g
PSCT 75/12	1200	400							-----	-----		
PSCT 75/14	1400	440							0.132	0.186		
PSCT 85/08	800	250	82	85	1150	0.85	3.7	125	0.65	0.8	2	
PSCT 85/12	1200	400							-----	-----		
PSCT 85/14	1400	440							0.13	0.16		
PSCT 125/08	800	250	123	85	1500	0.85	3.2	125	0.46	0.55	2	
PSCT 125/12	1200	400							-----	-----		
PSCT 125/14	1400	440							0.092	0.11		
PSCT 125/16	1600	500							-----	-----		



released, E 148688

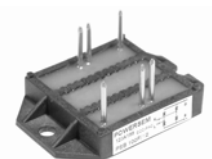


### 1 ~ Rectifier Bridges with Fast Recovery Epitaxial Diodes, B2U

Type	$V_{RRM}$	$V_{VRMS}$	$I_{DAV}$	$T_C$	$I_{FSM}$ 45°C 10ms	$V_{TO}$	$r_T$	$t_{rr}$	$R_{thJC}$	$R_{thJH}$	Figure	Package style see outlines starting at page 86						
	V	V							A	°C			A	V	mΩ	ns	Chip ----- Module K/W	Chip ----- Module K/W
PSB 19F/04	400	125	27	85	50	1.18	22	35	2.5	2.8	17	Fig. 17 Weight = 16 g						
PSB 19F/06	600	200							-----	-----								
PSB 19F/08	800	250							19	85			40	1.32	30	40	0.63	0.7
PSB 19F/12	1200	400							-----	-----								
PSB 33F/04	400	125	44	85	110	1.13	13	35	1.6	1.9	17							
PSB 33F/06	600	200							-----	-----								
PSB 33F/08	800	250							32	85			90	1.32	30	40	0.4	0.48
PSB 33F/12	1200	400							-----	-----								
PSB 71F/04	400	125	68	85	250	0.98	8	35	0.9	1.2	17							
PSB 71F/06	600	200							-----	-----								
PSB 71F/08	800	250							59	85			200	1.31	15	40	0.23	0.3
PSB 71F/12	1200	400							-----	-----								
PSB 100F/04	400	125	100	85	600	1.09	4.3	35	0.85	1.0	67	Fig. 67 Weight = 22 g						
PSB 100F/06	600	200							-----	-----								
PSB 100F/08	800	250							100	75			500	1.12	5.7	40	0.21	0.25
PSB 100F/12	1200	400							-----	-----								



ECO-PAC™ 1



ECO-PAC™ 2