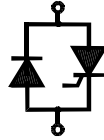


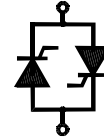
AC Controller Modules



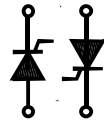
released, E 148688



PSW1H110, PSW1H140,
PSW1H175, PSW1H205










PSW1C110, PSW1C140,
PSW1C175, PSW1C205



PSW1C25, PSW1C40,
PSW1C70, PSW1C100

Single Phase AC Controller Modules, W1H, W1C

Type	V _{RRM}	I _{TAV} T _C 85°C	I _{RMS} T _C 85°C	I _{TSM} 45°C 10ms	V _{TO}	r _T	T _{VJM} 10 s	∫i ² dt @ 45°C 10msA 2s	R _{thJC} Chip ----- Module K/W	R _{thJH} Chip ----- Module K/W	Figure	Package style see outlines starting at page 86
	V	A	A	A	V	mΩ	°C					
PSW1H 110/08 PSW1H 110/12 PSW1H 110/14	800 1200 1400	51	112	1000	0.85	5.6	150	5000	0.8 ----- 0.4	0.9 ----- 0.45	31	Fig. 31 Weight = 16 g
PSW1H 140/08 PSW1H 140/12 PSW1H 140/14 PSW1H 140/16 PSW1H 140/18	800 1200 1400 1600 1800	58	130	1150	0.85	5.2	150	6600	0.7 ----- 0.35	0.8 ----- 0.4		 ECO-PAC™ 1
PSW1H 175/08 PSW1H 175/12 PSW1H 175/14 PSW1H 175/16 PSW1H 175/18	800 1200 1400 1600 1800	80	175	1500	0.85	3.7	150	11200	0.5 ----- 0.25	0.65 ----- 0.33		Fig. 74 Weight = 24
PSW1H 205/08 PSW1H 205/12 PSW1H 205/14 PSW1H 205/16 PSW1H 205/18	800 1200 1400 1600 1800	105	230	2250	0.85	2.4	125	25300	0.26 ----- 0.13	0.46 ----- 0.23	74	 ECO-PAC™ 2
PSW1C 25/06 PSW1C 25/08 PSW1C 25/12	600 800 1200	17	26	250	0.90	18	125	310	1.42 ----- 0.71	1.75 ----- 0.88	73	 ECO-PAC™ 2
PSW1C 40/06 PSW1C 40/08 PSW1C 40/12 PSW1C 40/14 PSW1C 40/16	600 800 1200 1400 1600	27	44	520	0.85	10.0	125	1350	0.88 ----- 0.44	1.1 ----- 0.55		Fig. 32 Weight = 16 g
PSW1C 70/06 PSW1C 70/08 PSW1C 70/12	600 800 1200	45	72	1100	0.85	4.6	125	6050	0.62 ----- 0.31	0.78 ----- 0.39		 ECO-PAC™ 1
PSW1C 100/06 PSW1C 100/08 PSW1C 100/12 PSW1C 100/14 PSW1C 100/16	600 800 1200 1400 1600	53	96	1200	0.85	4.0	125	7200	0.53 ----- 0.27	0.73 ----- 0.37		 ECO-PAC™ 1
PSW1C 110/08 PSW1C 110/12 PSW1C 110/14	800 1200 1400	51	112	1000	0.85	5.6	150	5000	0.8 ----- 0.4	0.9 ----- 0.45	32	Fig. 33 Weight = 24 g
PSW1C 140/08 PSW1C 140/12 PSW1C 140/14 PSW1C 140/16 PSW1C 140/18	800 1200 1400 1600 1800	58	130	1150	0.85	5.2	150	6600	0.7 ----- 0.35	0.8 ----- 0.4		 ECO-PAC™ 2
PSW1C 175/08 PSW1C 175/12 PSW1C 175/14 PSW1C 175/16 PSW1C 175/18	800 1200 1400 1600 1800	80	175	1500	0.8	3.7	150	11200	0.5 ----- 0.25	0.65 ----- 0.33		Fig. 73 Weight = 18 g
PSW1C 205/08 PSW1C 205/12 PSW1C 205/14 PSW1C 205/16 PSW1C 205/18	800 1200 1400 1600 1800	105	230	2250	0.85	2.4	125	25300	0.26 ----- 0.13	0.46 ----- 0.23	33	 ECO-PAC™ 1