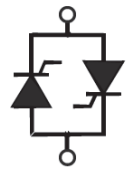


# Sub Assemblies for Solid State Relays

## Single Phase AC Controller Subassemblies, released, E 148688

Part Number	$V_{RRM}$	$I_{TAV}$	$I_{RMS}$	$I_{FMS}$	$V_{TO}$	$r_T$	$T_{VJM}$	$\int i^2 dt$	$R_{thJC}$	Figure
	V	$T_C$ 85°C A	$T_C$ 85°C A	45°C 10ms A	V	mΩ	10s °C	@ 45°C 10ms A²s	per Chip/ per Module K/W	
PSW1C 50/08	800	23	50	520	0.85	11	150	1350	1.1 / 0.55	17
PSW1C 50/12	1200									
PSW1C 50/14	1400									
PSW1C 50/16	1600									
PSW1C 75/08	800	39	86	1000	0.85	4	125	5000	0.8 / 0.4	18
PSW1C 75/12	1200									
PSW1C 75/14	1400									
PSW1C 112/08	800	51	112	1000	0.85	5.6	150	6000	0.8 / 0.4	16
PSW1C 112/12	1200									
PSW1C 112/14	1400									
PSW1C 142/08	800	58	130	1150	0.85	5.2	150	6600	0.7 / 0.35	16
PSW1C 142/12	1200									
PSW1C 142/14	1400									
PSW1C 142/16	1600									
PSW1C 142/18	1800									
PSW1C 176/08	800	80	175	1500	0.8	3.7	150	11200	0.5 / 0.25	
PSW1C 176/12	1200									19
PSW1C 176/14	1400									
PSW1C 176/16	1600									
PSW1C 176/18	1800									
PSW1C 206/08	800	105	230	2250	0.8	2.4	125	25300	0.26 / 0.13	
PSW1C 206/12	1200									
PSW1C 206/14	1400									
PSW1C 206/16	1600									
PSW1C 206/18	1800									



W1C

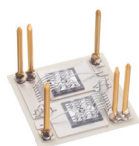


Figure 16



Figure 17



Figure 18

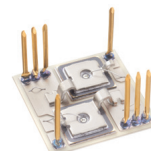


Figure 19

## Three Phase AC Controller Subassemblies, released, E 148688

Part Number	$V_{RRM}$	$I_{TAV}$	$I_{RMS}$	$I_{FMS}$	$V_{TO}$	$r_T$	$T_{VJM}$	$\int i^2 dt$	$R_{thJC}$	Figure
	V	$T_C$ 85°C A	$T_C$ 85°C A	45°C 10ms A	V	mΩ	10s °C	@ 45°C 10ms A²s	per Chip/ per Module K/W	
PSW3C 95/08	800	44	96	1150	0.85	4.8	125	6600	0.5 / 0.25	20
PSW3C 95/12	1200									
PSW3C 95/14	1400									
PSW3C 95/16	1600									

W3C

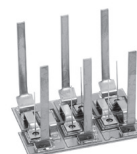
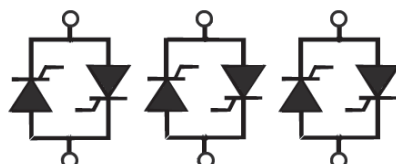


Figure 20