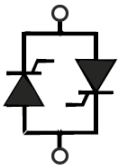
Single Phase AC Controller Subassemblies, released, E 148688

Part Number	V_{RRM} V	I_{TAV} T_C 85°C A	I_{RMS} T_C 85°C A	I_{FMS} 45°C 10ms A	V_{TO} V	r_T mΩ	T_{VJM} 10s °C	$\int I^2dt$ @ 45°C 10ms A^2s	R_{thJC} per Chip/ per Module K/W	Figure
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	**16**
PSW1C 176/12	1200									
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	**19**
PSW1C 206/12	1200									
PSW1C 206/14	1400									
PSW1C 206/16	1600									
PSW1C 206/18	1800									



W1C



Figure 16
page 71



Figure 17
page 72



Figure 18
page 72



Figure 19
page 73

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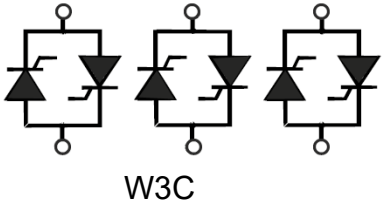
Three Phase AC Controller Subassemblies, released, E 148688

Part Number	V_{RRM} V	I_{TAV} T_C 85°C A	I_{RMS} T_C 85°C A	I_{FMS} 45°C 10ms A	V_{TO} V	r_T mΩ	T_{VJM} 10s °C	$\int I^2dt$ @ 45°C 10ms A^2s	R_{thJC} per Chip/ per Module K/W	Figure
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
page 73

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