

DATA SHEET

AC to DC Wall mounting Adapter, Model no. SAWM1

- High efficiency and high reliability
- Single Output
- Optional Output connectors
- Optional Input plugs
- Output voltage between 3.3VDC to 15VDC
- Maximum Output power of 10.5W
- Universal Input 85V ~ 300VAC
- Compact and low profile design
- Short circuit protection



SPECIFICATIONS

PARAMETER	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
• INPUT CHARACTERISTICS					
Input Voltage		85		300	VAC
Input Frequency		47		63	Hz
Input Current					A (rms)
Safety ground leakage current	@240VAC, 50Hz			0.75	mA
• OUTPUT CHARACTERISTICS					
Output Voltage	Refer to rating chart	3.3		15	VDC
Output Current	Refer to rating chart			1	ADC
Output Power	Refer to rating chart			10.5	Watts
Ripple & Noise		1% Peak to Peak Maximum			
Over Current Protection	Output protected for short circuit conditions				
Temperature Coefficient	±0.04% / °C maximum				
MTBF	50,000 hours, optional				
• ENVIRONMENTAL CHARACTERISTICS					
Operating temperature		0		+40	°C
Storage temperature		-20		+85	°C
Relative humidity	Non-condensing	5		95	%
De-rating	From 100% @ +40°C de-rating linear to 50% @ +70°C				
• GENERAL SPECIFICATIONS					
Efficiency		70			%
Hold-up time				8	Sec
Line regulation			±1		%
Load regulation			±5		%
Dimension	L x W x H	70 x 38 x 28			mm
Insulation resistance	50M ohm minimum from Output to ground				
EMI requirement	Meets conduction limits of FCC part 15 class B & CISPR 22 class B				
Inrush current	80A maximum at 25°C ambient temperature				
Withstand voltage	3KVAC between Input & Output				
All specifications apply at 25°C unless otherwise noted					



RATING CHART			
MODEL NO.	O/P VOLTAGE in VDC	O/P CURRENT in AMPS	O/P POWER in WATTS
SAWM1A	3.3	1	3.3
SAWM1B	5	0.5	2.5
SAWM1C	5	1	5
SAWM1D	7.5	0.5	3.75
SAWM1E	7.5	1	7.5
SAWM1F	9	0.5	4.5
SAWM1G	9	1	9
SAWM1H	12	0.5	6
SAWM1I	12	0.75	9
SAWM1J	15	0.5	7.5

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