

## DATA SHEET

### AC to DC Wall mounting Adapter, Model no. SAWM2

- High efficiency and high reliability
- Single Output
- Optional Output connectors
- Optional Input plugs
- Output voltage between 3.3VDC to 24VDC
- Maximum Output power of 20W
- Universal Input 85V ~ 300VAC
- Compact and low profile design
- Short circuit protection



### SPECIFICATIONS

PARAMETER	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
<b>• INPUT CHARACTERISTICS</b>					
Input Voltage		85		300	VAC
Input Frequency		47		63	Hz
Input Current					A (rms)
Safety ground leakage current	@240VAC, 50Hz			0.75	mA
<b>• OUTPUT CHARACTERISTICS</b>					
Output Voltage	Refer to rating chart	3.3		24	VDC
Output Current	Refer to rating chart			3	ADC
Output Power	Refer to rating chart			20	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				
<b>• ENVIRONMENTAL CHARACTERISTICS</b>					
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				
<b>• GENERAL SPECIFICATIONS</b>					
Efficiency		70			%
Hold-up time				8	Sec
Line regulation			±1		%
Load regulation			±5		%
Dimension	L x W x H	70 x 49 x 40			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				
<b>All specifications apply at 25°C unless otherwise noted</b>					



RATING CHART			
MODEL NO.	O/P VOLTAGE in VDC	O/P CURRENT in AMPS	O/P POWER in WATTS
SAWM2A	3.3	1.5	4.95
SAWM2B	3.3	2	6.6
SAWM2C	3.3	2.5	8.25
SAWM2D	3.3	3	9.9
SAWM2E	5	1.5	7.5
SAWM2F	5	2	10
SAWM2G	5	2.5	12.5
SAWM2H	5	3	15
SAWM2I	7.5	1.5	11.25
SAWM2J	7.5	2	15
SAWM2K	7.5	2.5	18.75
SAWM2L	9	1.5	13.5
SAWM2M	9	2	18
SAWM2N	12	1	12
SAWM2O	12	1.25	15
SAWM2P	12	1.5	18
SAWM2Q	15	1	15
SAWM2R	15	1.3	19.5
SAWM2S	18	1	18
SAWM2T	24	0.8	19.2

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