

DATA SHEET

AC to DC Wall mounting Adapter, Model no. SAWM3

- High efficiency and high reliability
- Single Output
- Optional Output connectors
- Optional Input plugs
- Output voltage between 3.3VDC to 48VDC
- Maximum Output power of 40W
- 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		48	VDC
Output Current	Refer to rating chart			4	ADC
Output Power	Refer to rating chart			40	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	81 x 63 x 46			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
SAWM3A	3.3	3.5	11.55
SAWM3B	3.3	4	13.2
SAWM3C	5	3.5	17.5
SAWM3D	5	4	20
SAWM3E	7.5	3	22.5
SAWM3F	7.5	3.5	26.25
SAWM3G	7.5	4	30
SAWM3H	9	2.5	22.5
SAWM3I	9	3	27
SAWM3J	9	3.5	31.5
SAWM3K	9	4	36
SAWM3L	12	2	24
SAWM3M	12	2.5	30
SAWM3N	12	3	36
SAWM3O	15	1.5	22.5
SAWM3P	15	2	30
SAWM3Q	15	2.5	37.5
SAWM3R	18	1.5	27
SAWM3S	18	2	36
SAWM3T	24	1	24
SAWM3U	24	1.5	36
SAWM3V	36	0.5	18
SAWM3W	36	1	36
SAWM3X	48	0.5	24
SAWM3Y	48	0.75	36

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