



### Features:

- Universal Input Range 85~264VAC
- Efficiency to 83%
- Meets EN55022 Class B
- Continuous Short Circuit Protection
- Leakage Current 0.25mA Max.
- PCB Mountable



### Characteristics

Part Number	CFM1001S	CFM1002S	CFM1003S	CFM1005S	CFM1007S	CFM1009S
Output Voltage	5V	12V	15V	24V	3.3V	9V
Output Current	2000mA	840mA	670mA	420mA	2500mA	1120mA
Ripple & Noise	1%	1%	1%	1%	50mV	1%
Voltage Accuracy	±1%	±1%	±1%	±1%	±1%	±1%
Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
Load Regulation	±1%	±1%	±1%	±1%	±1%	±1%
Efficiency	73%	76%	76%	77%	67%	72%
input Voltage	85-264Vac					
Frequency	47 to 63Hz					
Inrush Current	100Vac/0.5A max., 240Vac/0.25A					
Input Current	20A max. @115Vac 40A max. @230Vac					
Leakage Current	0.25mA max.					
Hold-Up Time	16ms typ. @115Vac					
Short Circuit Protection	Hiccup Mode (Auto Recovery)					
Over Voltage Protection	TVS Component to Clamp					
Temperature Coefficient	0.05%°C					
Isolation	Input to output = 4,242VDC					
Operating Temperature	0 ~ 70°C (see derating curve)					
Storage Temperature	-20~85°C					
Humidity	93% RH max. Non condensing					
Cooling	Natural Convection					
Switching Frequency	CFM10: 100KHz Typical					
MTBF	MIL-HDBK-217F, GB, at 25°C/115VAC ..... 200Khrs min.					
Dimensions	CFM10: 2.599x1.772x0.906Inches (65.00x45.00x23.00mm)					
Weight	60g					
Emissions and Immunity	EN55022 Class B, EN61000-6-3, EN610000-3-2, EN610000-3-3, EN55024, EN61204-3, EN61000-6-1					
Safety	IEC60950-1, EN60950, UL60950-1					

## Stontronics Ltd

Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH.

Tel: +44 (0) 118 931 1199 • Fax: +44 (0) 118 931 1145 • Email: [info@stontronics.co.uk](mailto:info@stontronics.co.uk) • Web: [www.stontronics.com](http://www.stontronics.com)

Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.

Stontronics Ltd accepts no responsibility for typographical errors in the production of this leaflet. Product specifications are subject to change without notice.



All Dimensions are in inches(mm)

Tolerance:Inches:X.XXX±0.02

Millimeters:X.XX±0.5

