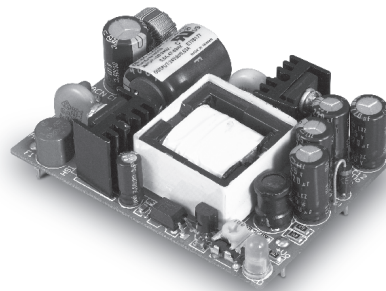
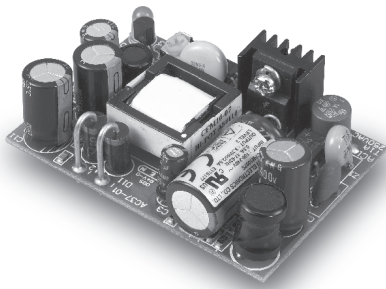


## 10/15 WATT OPEN FRAME AC-DC MODULES



### Features:

- Universal Input Range 85-264VAC
- Efficiency to 82%
- Meets EN55022 Class B
- Continuous Short Circuit Protection
- Leakage Current 0.25mA Max.
- PCB Mountable

### Safety Approvals



### Electrical Characteristics:

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT (A)		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF.
		MAX.LOAD	MIN. LOAD					
CFM1001S	5V	2000mA	0A	1%	± 1%	± 0.5%	± 1%	73% Typ.
CFM1002S	12 V	840mA	0A	1%	± 1%	± 0.5%	± 1%	76% Typ.
CFM1003S	15 V	670mA	0A	1%	± 1%	± 0.5%	± 1%	76% Typ.
CFM1005S	24 V	420mA	0A	1%	± 1%	± 0.5%	± 1%	77% Typ.
CFM1007S	3.3 V	2500mA	0A	50mV	± 1%	± 0.5%	± 1%	67% Typ.
CFM1009S	9V	1120mA	0A	1%	± 1%	± 0.5%	± 1%	73% Typ.

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT (A)		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF.
		MAX.LOAD	MIN. LOAD					
CFM1501S	5V	3000mA	0A	1%	± 1%	± 0.5%	± 1%	74% Typ.
CFM1502S	12 V	1250mA	0A	1%	± 1%	± 0.5%	± 1%	80% Typ.
CFM1503S	15 V	1000mA	0A	1%	± 1%	± 0.5%	± 1%	81% Typ.
CFM1505S	24 V	630mA	0A	1%	± 1%	± 0.5%	± 1%	83% Typ.
CFM1507S	3.3 V	3000mA	0A	50mV	± 1%	± 0.5%	± 1%	69% Typ.
CFM1509S	9V	1670mA	0A	1%	± 1%	± 0.5%	± 1%	76% Typ.

## Specification

### INPUT SPECIFICATIONS:

Voltage .....	.85 ~ 264Vac
Frequency .....	.47 to 63Hz
Inrush Current.....	.20A max. @ 115Vac 40A max. @ 230Vac
Conducted EMI.....	CISPR/FCC Class B
Isolation .....	Input to output =4,242VDC
Leakage Current.....	0.25mA max

### OUTPUT SPECIFICATIONS:

Holdup Time .....	16mS typ. @115Vac
Short Circuit Protection .....	Continuous
Temperature Coefficient .....	0.05% / °C

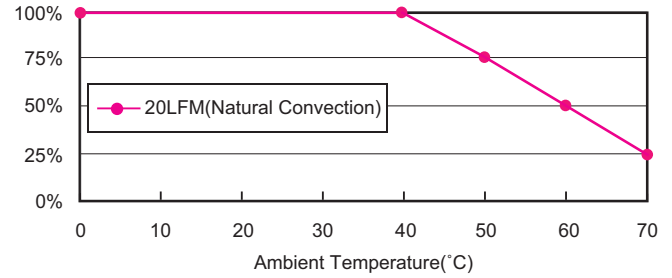
### ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature .....	0 ~ 40°C
Storage Temperature .....	-20 ~ 85°C
Cooling .....	Natural Convection

### MECHANICAL CHARACTERISTICS:

Dimensions ...CFM10: 65.00 x 45.00 x 23.00mm(2.559 x 1.772 x 0.906 Inches)	
CFM15: 69.90 x 48.00 x 23.00mm(2.752 x 1.890 x 0.906 Inches)	
Weight .....	CFM10: 60g (0.13 Pounds)
	CFM15: 80g (0.18 Pounds)

## CFM10\_15 Series Derating Curve



### NOTES:

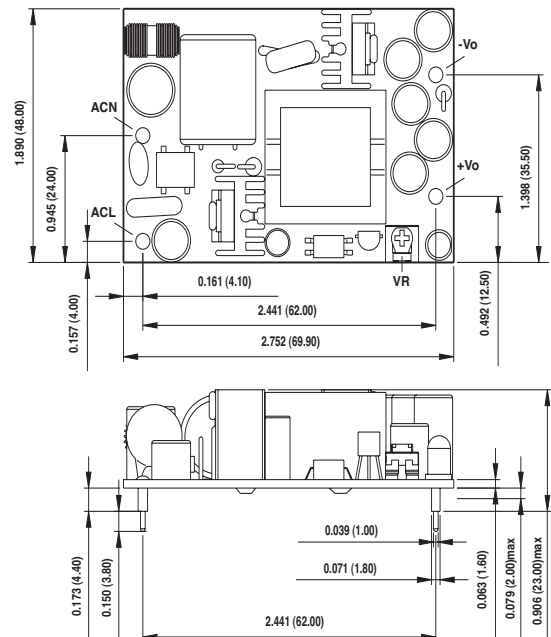
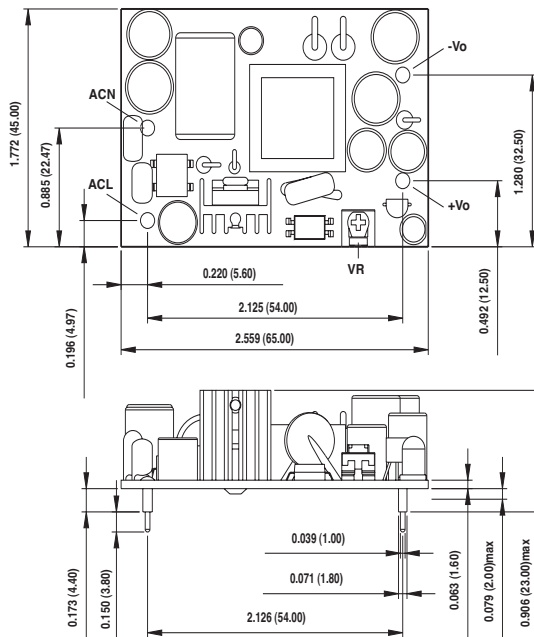
1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
2. Line regulation is measured from high line to low line with full load.
3. Load regulation is measured from full to 10% load

## CFM10 Series

## CFM15 Series

All Dimensions In Inches(mm)

Tolerance  
Inches: x.xxx= ±0.02  
Millimeters: x.xx= ±0.5



Typical at 25°C, nominal line and 75% load, unless otherwise Specified

Data sheets are subject to change without notice, please check with our sales office before ordering