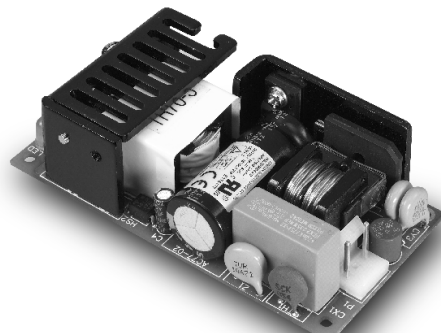
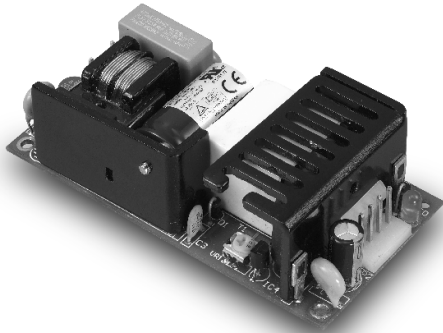


## 40/60 WATT OPEN FRAME AC-DC MODULES



### Features:

- Universal Input Range 90-264VAC
- 2" x 4" Size
- Industry Standard Pin Out
- Efficiency to 87%
- Meets EN55022 Class B and CISPR/FCC Class B, Conducted
- Continuous Short Circuit Protection

### Safety Approvals



### Electrical Characteristics:

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT (A)		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF.
		MAX. LOAD	MIN. LOAD					
CFM40S033	3.3 V	6A	0A	50mV	± 1%	± 0.5%	± 1%	70% Typ.
CFM40S050	5 V	6A	0A	1%	± 1%	± 0.5%	± 1%	76% Typ.
CFM40S090	9 V	4.45A	0A	1%	± 1%	± 0.5%	± 1%	84% Typ.
CFM40S120	12 V	3.34A	0A	1%	± 1%	± 0.5%	± 1%	85% Typ.
CFM40S150	15 V	2.67A	0A	1%	± 1%	± 0.5%	± 1%	85% Typ.
CFM40S240	24 V	1.67A	0A	1%	± 1%	± 0.5%	± 1%	85% Typ.
CFM40S300	30 V	1.33A	0A	1%	± 1%	± 0.5%	± 1%	86% Typ.
CFM40S360	36 V	1.11A	0A	1%	± 1%	± 0.5%	± 1%	87% Typ.
CFM40S480	48 V	0.834A	0A	1%	± 1%	± 0.5%	± 1%	87% Typ.

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT (A)		RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF.
		MAX. LOAD	MIN. LOAD					
CFM60S033	3.3 V	8A	0A	50mV	± 1%	± 0.5%	± 1%	72% Typ.
CFM60S050	5 V	8A	0A	1%	± 1%	± 0.5%	± 1%	77% Typ.
CFM60S090	9 V	6.67A	0A	1%	± 1%	± 0.5%	± 1%	84% Typ.
CFM60S120	12 V	5A	0A	1%	± 1%	± 0.5%	± 1%	85% Typ.
CFM60S150	15 V	4A	0A	1%	± 1%	± 0.5%	± 1%	86% Typ.
CFM60S240	24 V	2.5A	0A	1%	± 1%	± 0.5%	± 1%	86% Typ.
CFM60S300	30 V	2A	0A	1%	± 1%	± 0.5%	± 1%	86% Typ.
CFM60S360	36 V	1.67A	0A	1%	± 1%	± 0.5%	± 1%	88% Typ.
CFM60S480	48 V	1.25A	0A	1%	± 1%	± 0.5%	± 1%	88% Typ.

## Specification

### INPUT SPECIFICATIONS:

Voltage .....	.90 ~ 264Vac
Frequency .....	.47 to 63Hz
Inrush Current.....	.50A max. @ 240Vac
Conducted EMI.....	CISPR/FCC Class B
Isolation .....	Input to output =4,242VDC
Leakage Current.....	.3.5mA max

### OUTPUT SPECIFICATIONS:

Holdup Time .....	.8mS typ. @115Vac
Short Circuit Protection .....	.Continuous
Temperature Coefficient .....	.±0.05% / °C

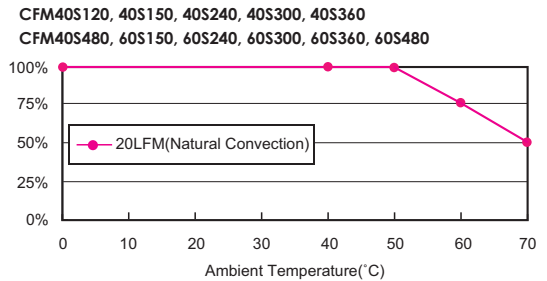
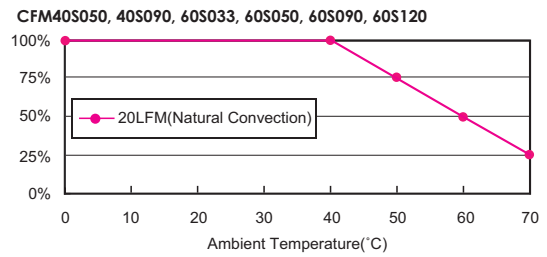
### ENVIRONMENTAL CHARACTERISTICS:

Operating Temperature .....	.0°C ~ 50°C
Storage Temperature .....	-.20°C ~ 85°C
Cooling.....	.Natural Convection

### MECHANICAL CHARACTERISTICS:

Dimensions .....	.101.60 x 50.80 x 30.48mm(4.000 x 2.000 x 1.200Inches)
Weight .....	.CFM40: 170g (0.38 Pounds) CFM60: 175g (0.39 Pounds)

## CFM40/60 Series Derating Curve

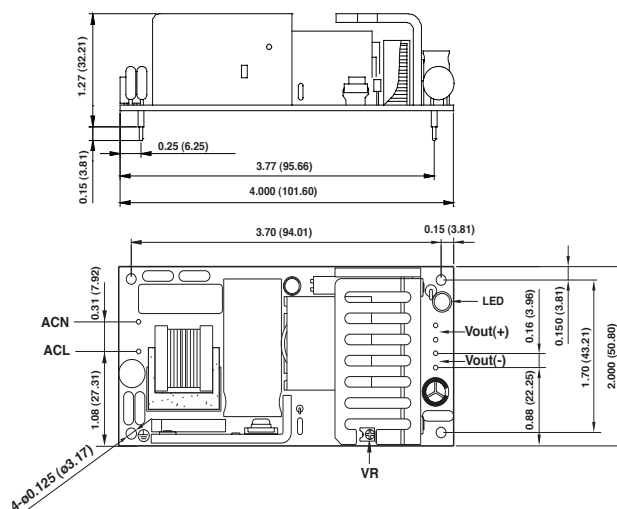


### NOTES:

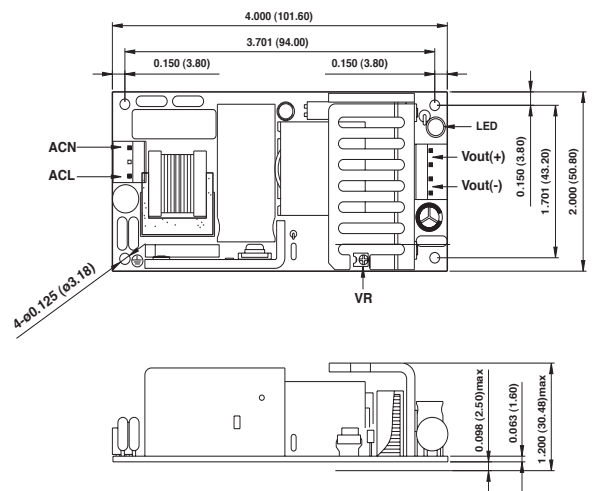
1. Add a 0.1µF ceramic capacitor and a 10µF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
2. Line regulation is measured from High Line to Low Line with full load.
3. Load regulation is measured from Full to 10% load.
4. Input connector mates with Molex housing 09-50-3031 and Molex 2878 series crimp terminal.
5. Output connector mates with Molex housing 09-50-3041 and Molex 2878 series crimp terminal.

## CFM40/60 Series

CFM40SXXX-P / CFM60SXXX-P  
(Input and Output connector with PIN)



CFM40SXXX / CFM60SXXX



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