



Features

- Universal Input Range
 90~264VAC
- 2"x4" Size
- Industry Standard Pin Out
- Efficiency to 87%

- Meets EN55022 Class B and CISPR/FCC Class B,
 - Conducted
- Continuous Short Circuit Protection

CFM40 Series

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

CFM60 Series

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

Specifications

INPUT SPECIFICATIONS: Voltage90~264Vac Frequency47 to 63Hz Inrush CurrentCold start@25°C50A max. @240Vac Leakage Current
OUTPUT SPECIFICATIONS: Holdup Time
GENERAL SPECIFICATIONS: Isolation Input to Output = 4,242VDC Operating Temperature 0°C~70°C (see Derating Curve) Storage Temperature -20°C-85°C Humidity 93% RH max. Non-Condensing Cooling Natural Convection Switching Frequency 66KHz Typical MTBF MIL-HDBK-217F, GB, 25°C/115VAC 2000m Dimensions: CFM40/60 Open Frame4.000x2.000x1.200 inches (101.60x50.80x30.48 mm) CFM40/60 Covered
SAFETY AND EMC: Emission and Immunity EN55022 Class B, FCC Part 15 Class B EN61000-6-3, EN61000-3-2, EN61000-3-3 EN55024, EN61204-3, EN61000-6-1

NOTE:

- 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.
- 6. Safety approvals do not apply to the Covered versions, only to the Open-Frame versions.

CFM40/60 Series Derating Curve

Open Frame versions:

CFM40S050, 40S090, 60S033, 60S050, 60S090





CFM40S090, 60S090, 60S120, 60S150, 60S240, 60S300 CFM60S360, 60S480



