

DIN RAIL SERIES40/60 WATT SINGLE OUTPUT

Features

- ●Universal Input Range 90~264Vac
- Efficiency up to 90%
- ●Approved EN55032 and CISPR/FCC Class B
- Approved IEC/EN/UL 62368-1
- Continuous Short Circuit Protection
- ●LED Indicator for Power On
- Can be Installed on DIN Rail TS-35/7.5 or 15



CFM40CXXX-DR Series

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF. (Typ.)
CFM40C033-DR	3.3 V	6 A	50mV	±1%	±0.5%	±1%	70%
CFM40C050-DR	5 V	6 A	1%	±1%	±0.5%	±1%	76%
CFM40C090-DR	9 V	4.45 A	1%	±1%	±0.5%	±1%	84%
CFM40C120-DR	12 V	3.34 A	1%	±1%	±0.5%	±1%	85%
CFM40C150-DR	15 V	2.67 A	1%	±1%	±0.5%	±1%	85%
CFM40C240-DR	24 V	1.67 A	1%	±1%	±0.5%	±1%	85%
CFM40C300-DR	30 V	1.33 A	1%	±1%	±0.5%	±1%	86%
CFM40C360-DR	36 V	1.11 A	1%	±1%	±0.5%	±1%	87%
CFM40C480-DR	48 V	0.834 A	1%	±1%	±0.5%	±1%	87%

CFM60CXXX-DR Series

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MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	% EFF. (Typ.)
CFM60C033-DR	3.3 V	8 A	50mV	±1%	±0.5%	±1%	72%
CFM60C050-DR	5 V	8 A	1%	±1%	±0.5%	±1%	77%
CFM60C090-DR	9 V	6.67 A	1%	±1%	±0.5%	±1%	84%
CFM60C120-DR	12 V	5 A	1%	±1%	±0.5%	±1%	85%
CFM60C150-DR	15 V	4 A	1%	±1%	±0.5%	±1%	86%
CFM60C240-DR	24 V	2.5 A	1%	±1%	±0.5%	±1%	86%
CFM60C300-DR	30 V	2 A	1%	±1%	±0.5%	±1%	86%
CFM60C360-DR	36 V	1.67 A	1%	±1%	±0.5%	±1%	88%
CFM60C480-DR	48 V	1.25 A	1%	±1%	±0.5%	±1%	88%

Specifications

INPUT SPECIFICATIONS:

Voltage	90~264V _{ac}
	120~370V _{dc}
Frequency	47 to 63Hz
Inrush Current	$50A~max.~@240V_{ac}$
Conducted EMI	CISPR/FCC Class B
Leakage Current	3.5mA max.

OUTPUT SPECIFICATIONS:

Hold-up Time	8ms typ. @115Vac
Short Circuit Protection	Hiccup Mode (Auto Recover)
Over Voltage Protection	TVS Component to Clamp
Temperature Coefficient	+0.05%/°C may

GENERAL SPECIFICATIONS:

Isolation Input to output = $4,242V_{dc}$
Operating Temperature 0 ~ 70° C (see Derating Curve)
Storage Temperature20~85°C
Humidity 93% RH max. Non-Condensing
Cooling Natural Convection
Switching Frequency 66KHz Typical
MTBF MIL-HDBK-217F, GB, 25°C/115Vac 200Khrs min.
Altitude
Dimensions 5.433x2.323x1.894inches (138.00x59.00x48.10mm)
Weight

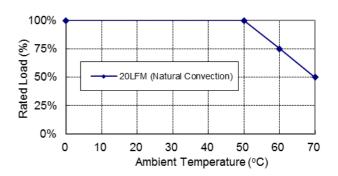
SAFETY AND EMC:

Emission and Immunity EN55032 Class B, FCC Part 15 Class B EN61000-6-3, EN61000-3-2, EN61000-3-3 EN55035, EN61204-3, EN61000-6-1

Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-1

CFM40C/60C XXX-DR Series Derating Curve

CFM40C/60C XXX-DR



NOTE:

- 1. Voltage accuracy is set at full load and 25°C Ta.
- Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for ripple&noise measuring @20MHz BW.
- 3. Line regulation is measured from high line to low line with full load.
- 4. Load regulation is measured from full to 10% load.
- Input connector mates with DECA T40MBB27-03 (Pitch 6.35mm)3pin positions terminal blocks.
- Output connector mates with DECA T40MBB27-04 (Pitch 6.35mm)
 4pin positions terminal blocks.

Mechanical Specification

All Dimensions are in inches(mm)
Tolerance:Inches:X.XXX±0.02
Millimeters:X.XX±0.5

