

**Features:**

- Universal Input Range 90-264 Vac
- Efficiency up to 90%
- Meets EN55022 and CISPR/FCC Class B
- Continuous short circuit protection
- LED indicator for power ON
- Can be installed on DIN rail TS-35/7.5 or 15

CFM40CXXX-DR Series Specifications:

	CFM40C033	CFM40C050	CFM40C090	CFM40C120	CFM40C150	CFM40C240	CFM40C300	CFM40C360	CFM40C480
OUTPUT VOLTAGE	3.3V	5V	9V	12V	15V	24V	30V	36V	48V
MAX LOAD	6A	6A	4.45A	3.34A	2.67A	1.67A	1.33A	1.11A	0.834A
MIN LOAD	0A	0A	0A	0A	0A	0A	0A	0A	0A
RIPPLE & NOISE	50mV	1%	1%	1%	1%	1%	1%	1%	1%
VOLTAGE ACCURACY	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
% EFF. (Typ)	70%	76%	84%	85%	85%	85%	86%	87%	87%

CFM60CXXX-DR Series Specifications:

	CFM60C033	CFM60C050	CFM60C090	CFM60C120	CFM60C150	CFM60C240	CFM60C300	CFM60C360	CFM60C480
OUTPUT VOLTAGE	3.3V	5V	9V	12V	15V	24V	30V	36V	48V
MAX LOAD	8A	8A	6.67A	5A	4A	2.5A	2A	1.67A	1.25A
MIN LOAD	0A	0A	0A	0A	0A	0A	0A	0A	0A
RIPPLE & NOISE	50mV	1%	1%	1%	1%	1%	1%	1%	1%
VOLTAGE ACCURACY	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
% EFF. (Typ)	72%	77%	84%	85%	86%	86%	86%	88%	88%

CFM60CXXX-DR Series Specifications:

	CFM101C120	CFM101C150	CFM101C200	CFM101C240	CFM101C480
OUTPUT VOLTAGE	12V	15V	20V	24V	48V
MAX LOAD	8.4A	6.7A	5A	4.2A	2.1A
MIN LOAD	0A	0A	0A	0A	0A
RIPPLE & NOISE	1%	1%	1%	1%	1%
VOLTAGE ACCURACY	±1%	±1%	±1%	±1%	±1%
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1%	±1%	±1%	±1%	±1%
% EFF. (Typ)	87%	87%	88%	88%	90%
PF (Typ)	0.9	0.9	0.9	0.9	0.9

Specifications:

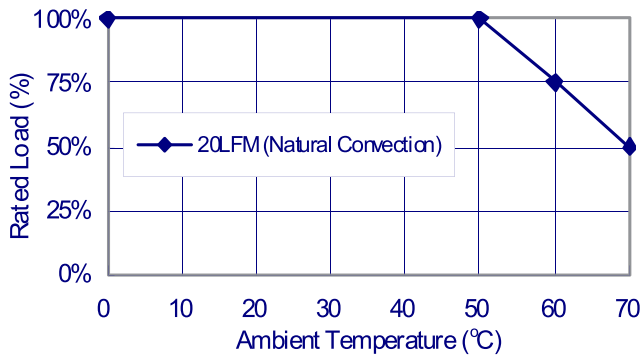
INPUT	VOLTAGE	90~264 Vac
	FREQUENCY	47 to 63Hz
	INRUSH CURRENT	50A max. @240 Vac
	CONDUCTED EMI	CISPR/FCC Class B
	LEAKAGE CURRENT	3.5mA max
OUTPUT	HOLDUP TIME	8ms typ. @115 Vac
	SHORT CIRCUIT PROTECTION	Hiccup Mode (Auto Recover)
	OVER VOLTAGE PROTECTION	TVS Component to Clamp
	TEMPERATURE COEFFICIENT	±0.05%/°C
GENERAL SPECIFICATIONS	ISOLATION	Input to output = 4,242VDC
	OPERATING TEMPERATURE	CFM40C/60CXXX-DR 0°C ~40°C (See derating curve) / CFM101CXXX-DR 0°C ~40°C (See derating curve)
	STORAGE TEMPERATURE	-20°C ~ 85°C
	HUMIDITY	93% RH max. Non-condensing
	COOLING	Natural convection
	SWITCHING FREQUENCY	CFM40C/60CXXX-DR 66Khz Typical / CFM101CXXX-DR 100Khz Typical
	MTBF	MIL-HDBK-217F, GB, 25°C/115 Vac T.B.D hrs
	ALTITUDE	2000m
	DIMENSIONS	5.433 x 2.323 x 1.894 inches (138 x 59 x 48.1mm)
	WEIGHT	475g
SAFETY & EMC	EMISSIONS 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
	SAFETY	IEC60950-1, EN60950-1, UL60950-1

NOTE:

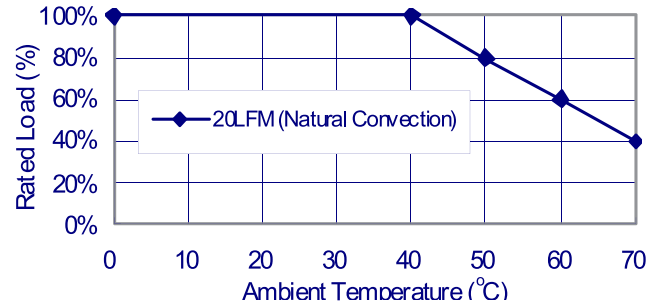
1. Add a 0.1uF ceramic capacitor and a 10uF E.L. capacitor to output for Ripple & Noise measuring @20MHz BW.
2. Line regulation is measured from High Line to Low Line with full load.
3. Load regulation is measured from full to 10% load.
4. CFM40C/60C/101C Input connector mates with DECA T40MBB27-03 (Pitch 6.35mm) 3pin positions terminal blocks.
5. CFM40C/60C/101C Output connector mates with DECA T40MBB27-04 (Pitch 6.35mm) 4pin positions terminal blocks

CFM40C/60C/101C XXX-DR SERIES DERATING CURVE

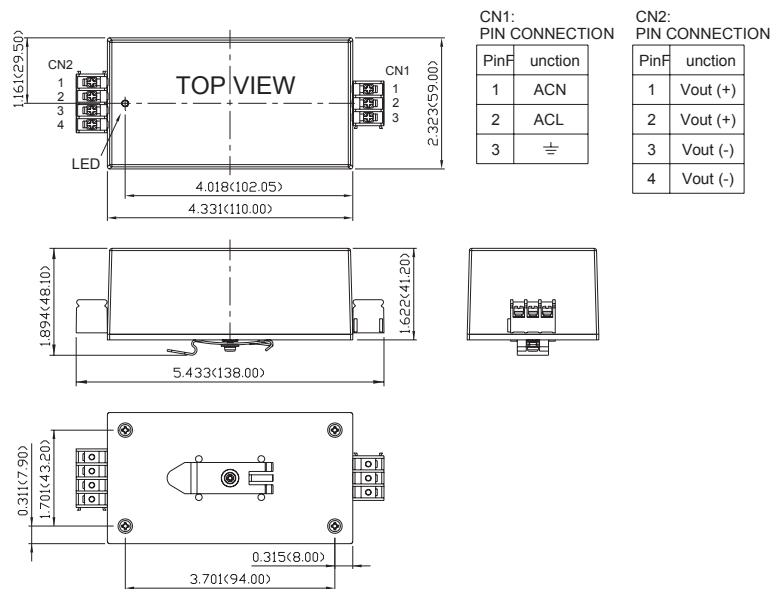
CFM40C/60CXXX-DR



CFM101CXXX-DR



CFM40C/60C/101C XXX-DR Series



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

Typical at 25°C, normal line and 75% load, unless otherwise specified

Data sheets are subject to change without notice

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