

40/60 /100 WATT SINGLE OUTPUT













Features

- Universal Input Range 90~264VAC Continuous Short Circuit Protection
- Efficiency up to 90%
- Meets EN55022 and CISPR/FCC Class B
- 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	50 mV	± 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

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	%EFF. (Typ.)
CFM60C033-DR	3.3 V	8 A	50 mV	± 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%

CFM101CXXX-DR Series

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT	RIPPLE & NOISE	VOLTAGE ACCURACY	LINE REGULATION	LOAD REGULATION	%ЕFF. (Тур.)	
CFM101C120-DR	12 V	8.4 A	1%	± 1%	± 0.5%	± 1%	87%	0.9
CFM101C150-DR	15 V	6.7 A	1%	± 1%	± 0.5%	± 1%	87%	0.9
CFM101C200-DR	20 V	5 A	1%	± 1%	± 0.5%	± 1%	88%	0.9
CFM101C240-DR	24 V	4.2 A	1%	± 1%	± 0.5%	± 1%	88%	0.9
CFM101C480-DR	48 V	2.1 A	1%	± 1%	± 0.5%	± 1%	90%	0.9

Specifications INPUT SPECIFICATIONS: 90A max.@240Vac(CFM101C) **OUTPUT SPECIFICATIONS:** 10ms typ.@115Vac(CFM101C) Short Circuit Protection Hiccup Mode (Auto Recover) **GENERAL SPECIFICATIONS:** Operating Temperature..... CFM40C/60CXXX-DR 0°C~70°C (see Derating Curve) CFM101CXXX-DR 0°C~70°C (see Derating Curve) Storage Temperature-20°C~85°C Cooling Natural Convection Switching Frequency CFM40C/60CXXX-DR 66KHz Typical CFM101CXXX-DR 100KHz Typical

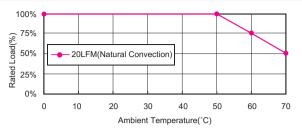
SAFETY AND EMC:

MTBF MIL-HDBK-217F, GB, 25°C/115VAC T.B.D hrs

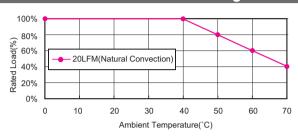
Dimensions 5.433x2.323x1.894 inches (138.00x59.00x48.10 mm)

Weight 475a

CFM40C/60C XXX-DR Series Derating Curve



CFM101C XXX-DR Series Derating Curve



NOTE:

- 1. Voltage accuracy is set at 100% full load.
- Add a 0.1µF ceramic capacitor and a 10µF 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.
- 5. CFM40C/60C/101C Input connector mates with DECA T40MBB27-03 (Pitch 6.35mm) 3pin positions terminal blocks.
- CFM40C/60C/101C Output connector mates with DECA T40MBB27-04 (Pitch 6.35mm) 4pin positions terminal blocks

