

CFM101S series

100W OPEN FRAME



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FEATURES

- Universal Input : 90 ~ 264Vac
- Continuous Short Circuit Protection
- Efficiency to 85% Typical
- Meets EN55022 Class B and CISPR/FCC Class B, Conducted

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 100Vac to 240Vac with full load.
- 3: Load regulation is measured from 10% to 100% load.
- 4: Connectors: AC input: Molex 5277 or equivalent
DC input: Molex 5273 or equivalent

SPECIFICATIONS

Input Characteristics Voltage: 90 ~ 264Vac Frequency: 47 to 63Hz Inrush Current: 80A Max. @ 240Vac Conducted EMI: CISPR/FCC Class B Isolation: Input to output = 4,242Vdc Leakage Current: 3.5mA max.	
Output Characteristics Hold-up Time: 18mS typ. @ 115Vac Short Circuit Protection: Continuous	
Environmental Characteristics Operating Temperature: 0 ~ 40°C Storage Temperature: -20 ~ 85°C	
Mechanical Outline Dimensions: 101.6X50.8X27.94mm (2.0X4.0X1.1Inches)	
※ Typical at 25°C, nominal line and 75% load, unless otherwise specified.	

Model	Output Voltage	Output Current	Ripple & Noise	Voltage Accuracy	Line Regulation	Load Regulation
CFM101S120	12V	8.4A	1%	+/- 1%	+/- 0.5%	+/- 1%
CFM101S150	15V	6.7A	1%	+/- 1%	+/- 0.5%	+/- 1%
CFM101S200	20V	5.0A	1%	+/- 1%	+/- 0.5%	+/- 1%
CFM101S240	24V	4.2A	1%	+/- 1%	+/- 0.5%	+/- 1%
CFM101S480	48V	2.1A	1%	+/- 1%	+/- 0.5%	+/- 1%

CABLE DRAWING

LABEL DRAWING

All Dimensions In Inches[mm]

Tolerances : Inches:x.xx = ± 0.02 , x.xxx = ± 0.010

Millimeters:x.x = ± 0.5 , x.xx = ± 0.25

