

CFM40D/T

S E R I E S

**40W DUAL/TRIPLE OUTPUTS
 AC-DC OPEN FRAME**



Features

- Universal Input Range 90-264VAC
- 2" x 4" Size
- Industry Standard Pin Out
- Efficiency to 81%
- Meets EN61204-3 Class B and CISPR/FCC Class B, Conducted
- Short Circuit Protection and Over Load Protection

MODEL	Output Voltage	Output Current (A)			Ripple (mVp-p)	Voltage Accuracy	Line Reg.	Load Reg.	O/P Power Max.	%EFF.
		Min.	Rated	Max.						
CFM40D-01	5V(V1)	0.4	3.2	5.0	50	±3%	±1%	±3%	40.0W	80%
	12V(V2)	0.2	2.0	2.5	120	±4%	±2%	±5%		
CFM40D-02	5V(V1)	0.4	3.2	5.0	50	±3%	±1%	±3%	40.0W	81%
	24V(V2)	0.2	1.0	1.5	240	±4%	±2%	±5%		
CFM40T-01	5V(V1)	0.4	3.0	5.0	50	±3%	±1%	±3%	40.5W	78%
	12V(V2)	0.2	2.0	2.5	120	±4%	±2%	±5%		
	-5V(V3)	0	0.3	0.5	50	±3%	±1%	±1%		
CFM40T-02	5V(V1)	0.4	3.0	5.0	50	±3%	±1%	±3%	42.6W	78%
	12V(V2)	0.2	2.0	2.5	120	±4%	±2%	±5%		
	-12V(V3)	0	0.3	0.5	120	±3%	±1%	±1%		
CFM40T-03	5V(V1)	0.4	3.0	5.0	50	±3%	±1%	±3%	42.0W	78%
	15V(V2)	0.2	1.5	2.3	150	±4%	±2%	±5%		
	-15V(V3)	0	0.3	0.5	150	±3%	±1%	±1%		
CFM40T-04	5V(V1)	0.4	3.0	5.0	50	±3%	±1%	±3%	42.6W	78%
	24V(V2)	0.2	1.0	1.5	240	±4%	±2%	±5%		
	-12V(V3)	0	0.3	0.5	120	±3%	±1%	±1%		
CFM40T-05	5V(V1)	0.4	3.0	5.0	50	±3%	±1%	±3%	40.5W	78%
	24V(V2)	0.2	1.0	1.5	240	±4%	±2%	±5%		
	-5V(V3)	0	0.3	0.5	50	±3%	±1%	±1%		
CFM40T-06	5V(V1)	0.4	3.0	5.0	50	±3%	±1%	±3%	42.6W	78%
	24V(V2)	0.2	1.0	1.5	240	±4%	±2%	±5%		
	12V(V3)	0	0.3	0.5	120	±3%	±1%	±1%		
CFM40T-07	3.3V(V1)	0.4	5.0	7.0	100	±3%	±1%	±3%	30.0W	71%
	5V(V2)	0.2	2.0	3.5	100	±4%	±3%	±5%		
	-12V(V3)	0	0.3	0.5	120	±3%	±1%	±1%		

Specifications

INPUT SPECIFICATIONS:

Voltage90 ~ 264Vac
 Frequency47 to 63Hz
 Inrush Current60A max. @240Vac
 Input Current1A max. (RMS) @ 115Vac
 Conducted EMI.....CISPR/FCC Class B
 IsolationInput to output =4,242VDC
 Leakage Current.....3.5mA max

OUTPUT SPECIFICATIONS:

Rated Power for Convection Cooling.....40W (CFM40T-07, 30W)
 Maximum Power with 30 CFM Forced Air.....50W (CFM40T-07, 40W)
 Hold-up Time.....20ms typ. @ 115Vac
 Short Circuit/ Over Load Protection.....On All Outputs (Auto Recovery)
 Over Voltage Protection.....3.6~4.6V/5.7~6.7V ON V1 (3.3V/5V)
 120%~140% ON V2(12V/15V/24V)

ENVIRONMENTAL CHARACTERISTICS:

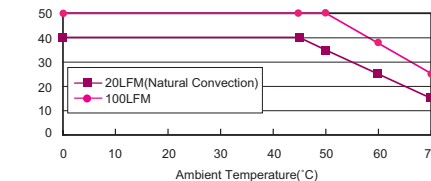
Operating Temperature0 ~ 45°C
 Storage Temperature-20 ~ 85°C
 Cooling.....Natural Convection

MECHANICAL CHARACTERISTICS:

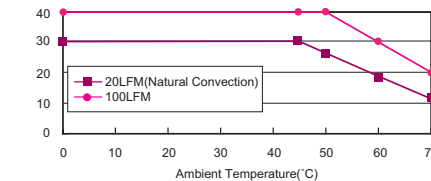
Dimensions101.60 x 50.80 x 27.00mm(4.000 x 2.000 x 1.063Inches)
 Weight180g (0.40Pounds)

CFM40D/T Series Derating Curve

CFM40D-01, 40D-02, 40T-01, 40T-02, 40T-03, 40T-04, 40T-05, 40T-06



CFM40T-07



PIN CONNECTION

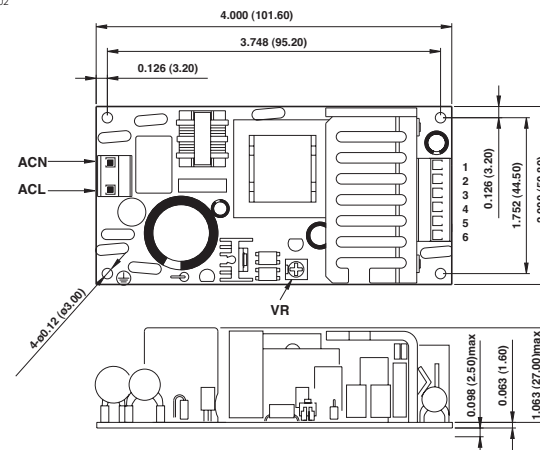
Pin	CFM40D/T
1	V2
2	V1
3	V1
4	COM
5	COM
6	V3

NOTE:

1. Voltage accuracy is set at full load.
2. Add a 0.1µF ceramic capacitor and a 10µF EL capacitor to output for Ripple & Noise measuring @20MHz BW.
3. Line regulation is measured from 100Vac to 240Vac with full load.
4. Load regulation is measured from 60% to 100% full load and from 60% to 20% full load (60% ± 40% full load)

CFM40D/T Watt Series

All Dimensions In Inches(mm)
 Tolerance Inches: x.xxx= ±0.02
 Millimeters: x.xxx= ±0.5



Typical at 25°C, nominal line and 75% load, unless otherwise Specified