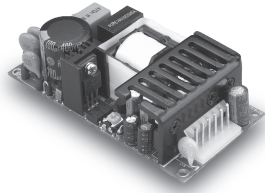


# CFM40D/T

S E R I E S

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

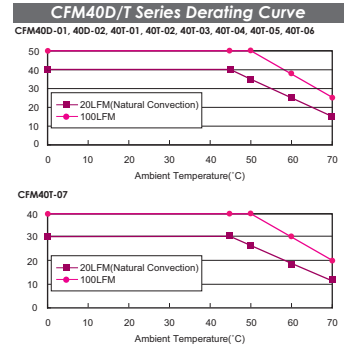


### Features

- 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

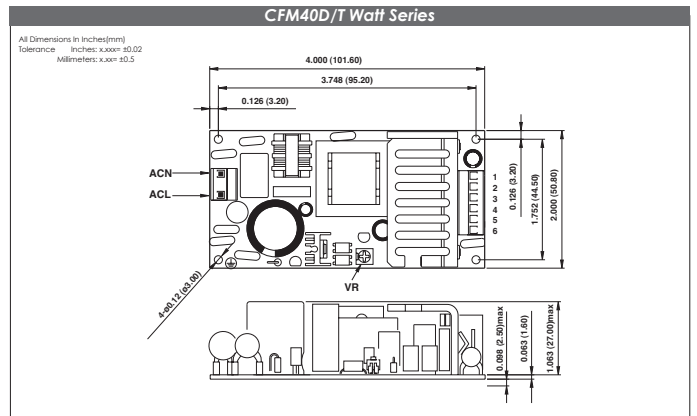
MODEL	Output Voltage	Output Current (A)			Ripple (mVp-p)	Voltage Accuracy	Line Reg.	Load Reg.	O/P Power Max.	%EFF.
		Min.	Rated	Max.						
CFM40D-01	5V (V1)	0.4	3.2	5.0	50	±3%	±1%	±3%	40.0W	80%
	12V (V2)	0.2	2.0	2.5	120	±4%	±2%	±5%		
CFM40D-02	5V (V1)	0.4	3.2	5.0	50	±3%	±1%	±3%	40.0W	81%
	24V (V2)	0.2	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%		
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%		
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%		
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%		
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%		
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%		
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	
<b>INPUT SPECIFICATIONS:</b>	
Voltage	90 - 264Vac
Frequency	47 to 63Hz
Inrush Current	.60A max. @240Vac
Input Current	1A max. (RMS) @ 115Vac
Conducted EMI	CISPR/FCC Class B
Isolation	Input to output =4.242VDC
Leakage Current	3.5mA max
<b>OUTPUT SPECIFICATIONS:</b>	
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)
<b>ENVIRONMENTAL CHARACTERISTICS:</b>	
Operating Temperature	0 - 45°C
Storage Temperature	-20 - 85°C
Cooling	Natural Convection
<b>MECHANICAL CHARACTERISTICS:</b>	
Dimensions	101.60 x 50.80 x 27.00mm(4.000 x 2.000 x 1.063inches)
Weight	180g (0.40Pounds)



- 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)

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



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

CFM40D/T