

CFM 40D/T-60T Series

40-60W DUAL & TRIPLE OUTPUT AC/DC GENERAL

OPEN & ENCLOSED

Features

- Universal input 90VAC to 264VAC
- 2" x 4" footprint.
- Industry-standard pin out
- UL, CSA, TUV, CE
- Conductive EMI meets CISPR/FCC Class B



Specifications

INPUT

Voltage range	90-264Vac.
Frequency	47-63Hz.
Inrush current	50A max.
Isolation	Input-output: 4,242Vdc.
Leakage current	3.5mA max.

OUTPUT

Voltage accuracy	±1.0% max.
Ripple and noise	1%V p-p max.
Hold up time	16mS typ
Short circuit protection	Auto recovery.
Over temp. protection	Auto recovery.
Over voltage protection	Recycle AC input to restart.
Line regulation	±1% max.
Load regulation	±1% max.
Current share	Single wire current sharing.
Remote voltage sense	Yes.

ENVIRONMENTAL

Operating temperature	0°C to +70°C,
Storage temperature	-20°C to +85°C.
Cooling	Convection.

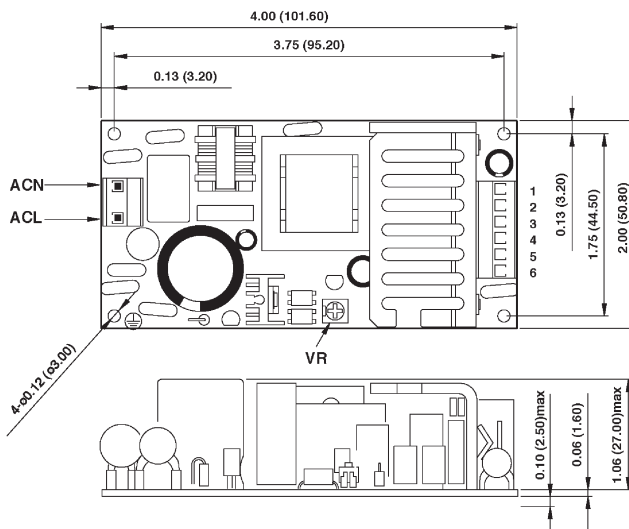
STANDARDS

Safety standards	UL, cUL, TUV, EMC, LVD, EN60950
C-Tick	AS/NZS CISPR11 Group 1 Class A. EN60950
EMC standards	EN61000-3-2,3, EN50081-1,2, EN50082-1, EN55024.
EMI standards	CISPR/FCC Class B. EN55022

MECHANICAL

Weight	180grams (CFM40D/T). 170grams (CFM60T).
Case	Open PCB

Technical Illustration



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NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT (A)			Ripple (mVp-p)	Voltage Accuracy	Line Reg.	Load Reg.	Efficiency (Typ.)	MAX OUTPUT POWER
		I _{min}	I _{rated}	I _{max}						
CFM40D-01	5V (V1)	0.4A	3.2A	5.0A	50	±3.0%	±1.0%	±3.0%	77%	40.0W
	12V (V2)	0.2A	2A	2.5A	120	±4.0%	±2.0%	±5.0%		
CFM40D-02	5V (V1)	0.4A	3.2A	5.0A	50	±3.0%	±1.0%	±3.0%	78%	40.0W
	24V (V2)	0.2A	1A	1.5A	240	±4.0%	±2.0%	±5.0%		
CFM40T-01	5V (V1)	0.4A	3.2A	5.0A	50	±3.0%	±1.0%	±3.0%	75%	40.5W
	12V (V2)	0.2A	2A	2.5A	120	±4.0%	±2.0%	±5.0%		
	-5V (V3)	0A	0.3A	0.5A	50	±3.0%	±1.0%	±1.0%		
CFM40T-02	5V (V1)	0.4A	3.2A	5.0A	50	±3.0%	±1.0%	±3.0%	75%	42.6W
	12V (V2)	0.2A	2A	2.5A	120	±4.0%	±2.0%	±5.0%		
	-12V (V3)	0A	0.3A	0.5A	120	±3.0%	±1.0%	±1.0%		
CFM40T-03	5V (V1)	0.4A	3.0A	5.0A	50	±3.0%	±1.0%	±3.0%	75%	42.0W
	15V (V2)	0.2A	1.5A	2.3A	150	±4.0%	±2.0%	±5.0%		
	-15V (V3)	0A	0.3A	0.5A	150	±3.0%	±1.0%	±1.0%		
CFM40T-04	5V (V1)	0.4A	3.0A	5.0A	50	±3.0%	±1.0%	±3.0%	75%	42.6W
	24V (V2)	0.2A	1.0A	1.5A	240	±4.0%	±2.0%	±5.0%		
	-12V (V3)	0A	0.3A	0.5A	120	±3.0%	±1.0%	±1.0%		
CFM40T-05	5V (V1)	0.4A	3.0A	5.0A	50	±3.0%	±1.0%	±3.0%	75%	40.5W
	24V (V2)	0.2A	1.0A	1.5A	240	±4.0%	±2.0%	±5.0%		
	-5V (V3)	0A	0.3A	0.5A	50	±3.0%	±1.0%	±1.0%		
CFM40T-06	5V (V1)	0.4A	3.2A	5.0A	50	±3.0%	±1.0%	±3.0%	75%	42.6W
	24V (V2)	0.2A	2A	1.5A	240	±4.0%	±2.0%	±5.0%		
	12V (V3)	0A	0.3A	0.5A	120	±3.0%	±1.0%	±1.0%		
CFM40T-07	3.3V (V1)	0.4A	5.0A	7.0A	100	±3.0%	±1.0%	±3.0%	70%	30.0W
	5V (V2)	0.2A	2.0A	3.5A	100	±4.0%	±3.0%	±5.0%		
	-12V (V3)	0A	0.3A	0.5A	120	±3.0%	±1.0%	±1.0%		
CFM60T-01	5V (V1)	0A	4.0A	5.0A	50	±2.0%	±1.0%	±4.0%	TBA	62.0W
	12V (V2)	0A	3.0A	3.7A	120	±5.0%	±1.0%	±3.0%		
	-12V (V3)	0A	0.5A	0.65A	120	±5.0%	±1.0%	±5.0%		
CFM60T-02	5V (V1)	0A	4.0A	5.0A	50	±2.0%	±1.0%	±4.0%	TBA	62.0W
	12V (V2)	0A	2.5A	3.1A	150	±4.0%	±1.0%	±3.0%		
	-15V (V3)	0A	0.3A	0.5A	150	±4.0%	±1.0%	±5.0%		
CFM60T-03	5V (V1)	0A	4.0A	5.0A	50	±2.0%	±1.0%	±4.0%	TBA	62.0W
	24V (V2)	0A	1.5A	1.8A	240	±3.0%	±1.0%	±3.0%		
	-12V (V3)	0A	0.5A	0.6A	120	±5.0%	±1.0%	±5.0%		
CFM60T-04	3.3V (V1)	0A	6.0A	7.5A	50	±4.0%	±1.0%	±5.0%	TBA	40.8W
	5V (V2)	0A	3.0A	3.7A	50	±5.0%	±1.0%	±4.0%		
	-12V (V3)	0A	0.5A	0.65A	120	±5.0%	±1.0%	±5.0%		