

DE 085B-5Y

ATX / OPEN

85W

Country of Origin : Taiwan
Operating Temperature : 0 ~ 70° C
Dimension : 153 x 70 x 38 mm
Approvals / Marks : UL, TÜV, CE, CSA



Features:

Universal full range AC input
Over load, over voltage & short circuit protection
100% Hi-Pot tested
100% 50°C burn-in tested
1 year warranty

Specification:

		V1	V2	V3	V4	V5
OUTPUT	Voltage	+3.3V	+5V	+12V	-12V	+5V _{sb}
	min. load	0 A	2 A	0.2A	0A	0A
	max. load (free air)	6A	9A	1.3A	0.5A	0.72A
	max. load (forced air)	6A	12A	1.5A	1.5A	1A
	Tolerance	±5%	±5%	±8%	±10%	±5%
	Ripple & Noise (max)	50mV	50mV	120mV	100mV	100mV
	Efficiency (typ)	70% @ full load				
Max. Output Power	+3.3V & +5V : 50W		60W (free air) / 85W (forced air, 30CFM fan)			
Output Voltage adjustment range	± 3% min.					
INPUT	Voltage	85 ~ 264VAC Universal full range				
	Frequency	47 ~ 63 Hz				
	Current	2A @ 115VAC / 1A @ 230VAC				
	Inrush Current	< 20A peak @ 115VAC / < 50A peak @ 230VAC input, cold start @ 25°C ambient				
	Leakage Current	< 0.5mA @ 264VAC 50/60 Hz input				
	P.F.C.	-				
PROTECTION	Overload	Over 110% ~ 145% above peak rating				
	Over Voltage	-	+5V: 5.7 ~ 6.7V	-	-	-
	Over Temperature	-				
	Short Circuit	all outputs				
OTHERS	Rise time	-				
	Holdup time	> 20ms@60W and 115VAC nominal line				
	Power Good / Fail	PG.: 100~500ms				
	Remote ON	Yes				
	Cooling	Free air convection				
Environment	Temperature	Free air: Operating: 0 ~ 50°C / Derating: 50 ~ 70°C : 2.5%/°C / Storage: -40 ~ 85°C				
		Forced air: Operating: 0 ~ 50°C / Derating: 50 ~ 70°C : 2.35%/°C / Storage: -40 ~ 85°C				
M.T.B.F.	> 80K hours (at 25°C environment)					
SAFETY	Approved: UL 1950 / CSA C22.2-234 level 3 / TÜV EN60950 / IEC 60950					
EMC	EMI	FCC Class B / CISPR22 Class B / EN 55022 Class B / CE				
	EMS					
WEIGHT	N.W.: 0.44 kg					