

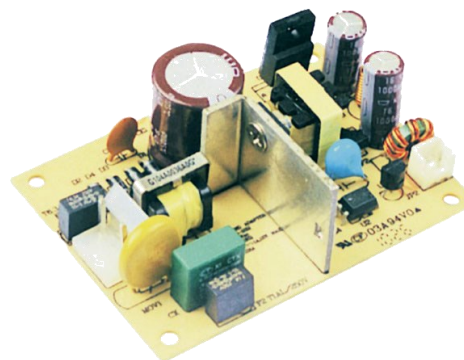


Country of Origin : China
 Operating Temperature : 0~40 [°C]
 Dimension : 75.x 55 x 25 [mm]
 Efficiency level (ErP) : 
 Approvals / Marks : 


Features:

Wide range Input (90 ~ 264) VAC / (47 ~ 63)Hz.

Open Frame power supply, single output.

Overload, over voltage & short protection.

For I.T.E. use only + RoHS conform.

Specification:

	Model	Voltage	Loading	Line/Road	OCP	OVP	Max.	Eff.	Ripple &	AC or DC
ErP V.	SYS1440-1212-OF	12	0~1	±5	1.5~3.0	15±1	12	≥75	120	(*)
OEM Production	(*) depends on customer request									
OUTPUT	Turn on delay	10000 ms max @ AC low line input@output full load								
	Efficiency (Normal)	Above minimum average efficiency in active mode(Meet CEC V)								
	Transient response (dv, tmax)	1.2 dv max At AC nominal input loading from 50% load to max load or peak load								
		12ms <u>tmax</u> Dynamic rise time 10uS max , duty 40mS max , Dynamic load step is slew rate of 0.5A/uS								
	Overshoot(δV , δT)	δV =0.12V, δT=2.5ms								
	Undershoot(δV , δT)	δV =0.12V, δT=1ms								
Burn in test	Full load 2 Hours									
INPUT	Voltage	(90 ~ 264)VAC								
	Frequency	(47 ~ 63) Hz								
	Current	0.5A rms @ AC low line input and DC output full load								
	Inrush Surge Current (cold)	60A max @ power supply cold start, ambient temperature 25°C230Vac nominal AC input.								
	Leakage current	0.25 mA Max.								
	Power consumption	0.3W rms max. At AC nominal input@output min load								
	Hold up time	10ms At AC nominal input@ output full load (1 half cycle)								
PROTECTION	Over Current /Short protection	The power supply will self-protect any output to ground, And auto recovery when abnormal circuit faults remove.								
	Over Voltage	The power supply will not be auto recovered when faults remove >>Voltage limit<<								
	Input protection	F2:T1AL/250V Fuse The power supply shall be protected against power line surges and any abnormal condition.								
	No load protection	The power supply is provided with no load operation to prevent the power supply and system from damage.								
OTHERS	Dielectric Strength (Hi-pot)	Primary to Secondary: 3000VAC / 10mA / 60s								
	M.T.B.F	35K hours full rated load operation at 25 °C, according to the MIL-HDBK-217F.								
	Cable length	-								
	PLD (power line disturbance)	LINE POWER SURGE LINE VOLTAGE SAG – more information will be provide on request								
	Cooling method	By natural air								
	Temperature coefficient:	< ±0.5% / °C								
ENVIRONMENT	Temperature	Operating: (0 ~ 40)°C / Storage: (-20 ~ 85)°C								
	Humidity	Operating: 8% ~ 90% RH / Storage: 5% ~ 95% RH non condensing								
SAFETY	CE									
EMC	Meet EN55022 class B, Fcc part 15 Sub part B class B.									
PACKING	1pc	N.W.: 100g(±10g) / pc G.W.: -g / pc								
	BOX	-(L)*-(W)*-(H) [mm] - pcs (in plastic bag)/ 1box G.W.: - kg/box								

Mechanical case specification:

