



KAMI ELECTRONICS IND. CO., LTD.

SWITCHING POWER SUPPLY

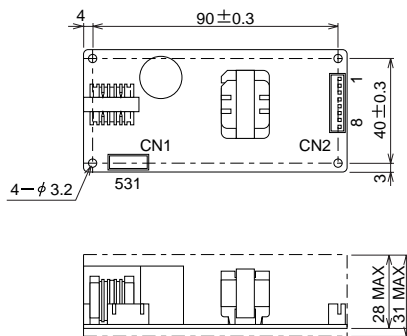
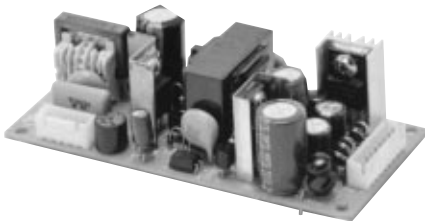
● (TYPE SA-25001) 

● (TYPE SA-25008) 

Features

1. Small size and light weight.
2. Low noise : Conforming to VCCI Class II.
3. With short circuit protection.
4. With over voltage protection.
5. Applicable to custom order.

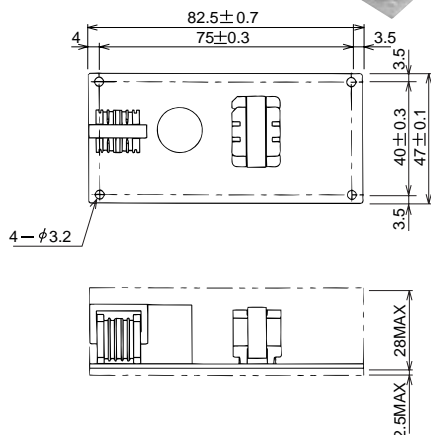
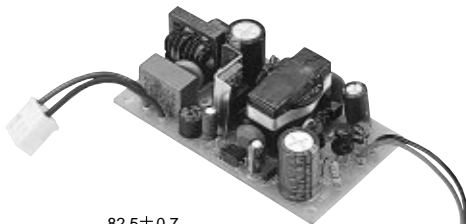
●TYPE SA-25001



SPECIFICATIONS

ITEM	MODEL NAME	TYPE SA-25001	
Rated output voltage	V	+5	+12
Rated output current	A	1.5A	1.5A
Minimum output current	A	0.2A	0.2A
Maximum output power	W	25W	
Input voltage	VAC	90~ 110(Rating:100)	
Input frequency	Hz	47~ 63Hz	
Inrush current	A	30 max.(Cold start) コールドスタート	
Efficiency	%	70 typ. (At rated input-output) 定格入力、定格負荷	
Input-output regulation	%	5V ± 5%	12V ± 10%
Ripple noise	mVp-p	200mV (Output terminal is loaded with 100μF) 出力端子に100μFを接続	
Hold-up time	msec.	15min. (At the input 100V)	
Overcurrent protection	—	Provided (Output short circuit protection) 有り (出力短絡保護)	
Overvoltage protection	—	Provided 有り	
Ambient temperature (operating)	°C	0~50°C	
Ambient humidity (operating)	%RH	30~90%RH	
Storage temperature	°C	-20~80	
Storage humidity	%RH	30~90%	
Withstand voltage	—	Primary-Secondary 1kV AC for one minute.	
Insulation resistance	—	Primary-Secondary 50MΩ min. DC 500V.	

●TYPE SA-25008



SPECIFICATIONS

ITEM	MODEL NAME	TYPE SA-25008	
Rated output voltage	V	+21	
Rated output current	A	1.2A	
Minimum output current	A	0.2A	
Maximum output power	W	25W	
Input voltage	VAC	90~ 110(Rating:100)	
Input frequency	Hz	47~ 63Hz	
Inrush current	A	30 max.(Cold start)	
Efficiency	%	70 typ. (At rated input-output)	
Input-output regulation	%	21V ± 5%	
Ripple noise	mVp-p	200mV (Output terminal is loaded with 100μF)	
Hold-up time	msec.	15min. (At the input 100V)	
Overcurrent protection	—	Provided (Output short circuit protection)	
Overvoltage protection	—	Provided	
Ambient temperature (operating)	°C	0~50°C	
Ambient humidity (operating)	%RH	30~90%RH	
Storage temperature	°C	-20~80	
Storage humidity	%RH	30~90%	
Withstand voltage	—	Primary-Secondary 1kV AC for one minute.	
Insulation resistance	—	Primary-Secondary 50MΩ min. DC 500V.	

		90 110[Rating:100]
		47 63
y y y		30 max.(Cold start)
Efficiency y y y y y y		70 typ.[at the rated input-output]
Input-output regulation		± 5%
Ripple noise		30 max. [Output terminal is loaded with 100 μ F and 0.1 μ F]
Hold-up time		15 min. [at the input 100V]
Overcurrent protection		Provided [Output short circuit protection]
Overvoltage protection		Provided
Ambient temperature(operating)		~ +60
Ambient humidity(operating)		10 ~ 90
Storage temperature		-20 ~ +80
Storage humidity y		20 ~ 90
Withstand voltage		0.5kV AC for one minute with varistor [Cutoff current 20mA] 1.5kV AC for one minute without varistor [Cutoff current 20mA]
Lightning transients		15kV 1.2 μ s/50 μ s [at line impedance 100 Ω]
Insulation resistance		Primary-Secondary 100M Ω min. DC 500V.

ITEM		
Rated output voltage		
Rated output current		
Minimum output current		
Maximum output power		
Input voltage		
Input frequency		•3
Inrush current y y y		30 max.(Cold start)
Efficiency y y y y y y		70 typ.[at the rated input-output]
Input-output regulation		±
Ripple noise		30 max. [Output terminal is loaded with 100 μ F and 0.1 μ F]
Hold-up time		15 min. [at the input 100V]
Overcurrent protection		Provided [Output short circuit protection]
Overvoltage protection		Provided
Ambient temperature(operating)		0 ~ +60
Ambient humidity(operating)		10 ~ 90
Storage temperature		-20 ~ +80
Storage humidity y		20 ~ 90
Withstand voltage		0.5kV AC for one minute with varistor [Cutoff current 20mA] 1.5kV AC for one minute without varistor [Cutoff current 20mA]
Lightning transients		15kV 1.2 μ s/50 μ s [at line impedance 100 Ω]
Insulation resistance		Primary-Secondary 100M Ω min. DC 500V.