



# KAMI ELECTRONICS IND. CO., LTD.

## SWITCHING POWER SUPPLY

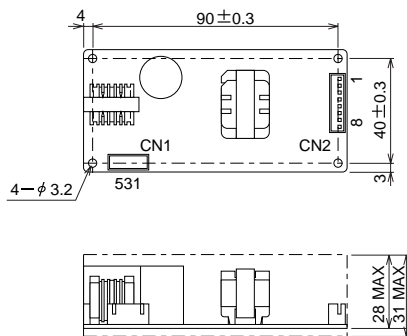
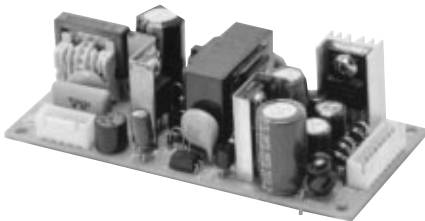
● (TYPE SA-25001) 

● (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.

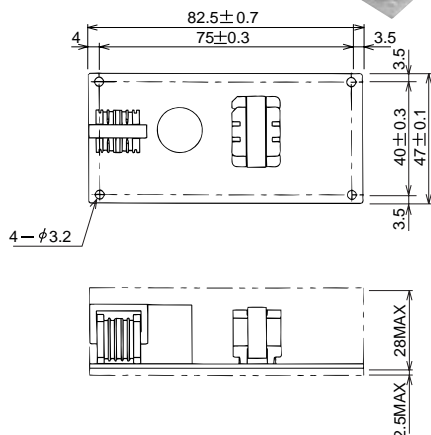
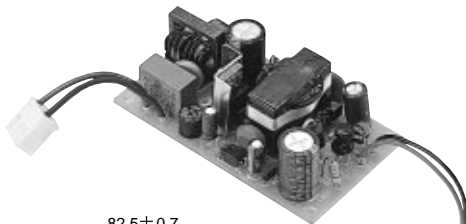
### ●TYPE SA-25001



### 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)	℃	0~50℃	
Ambient humidity (operating)	%RH	30~90%RH	
Storage temperature	℃	-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)	℃	0~50℃	
Ambient humidity (operating)	%RH	30~90%RH	
Storage temperature	℃	-20~80	
Storage humidity	%RH	30~90%	
Withstand voltage	—	Primary-Secondary 1kV AC for one minute.	
Insulation resistance	—	Primary-Secondary 50MΩ min. DC 500V.	

Specifications are subject to change for improvement without notice.

# SWITCHING POWER SUPPLY FOR CATV

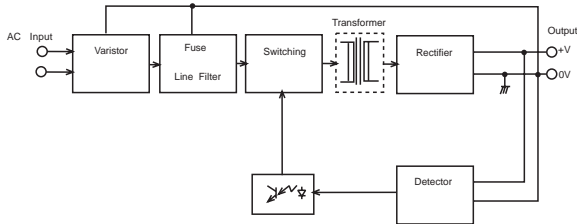
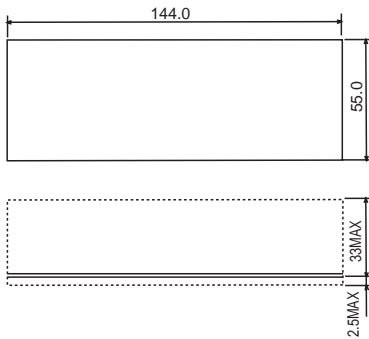
● (TYPE KSB2411 KSB1517 Single Output Type) 

● (TYPE KSB2415 Double Output Type) 

## Features

1. Small size and light weight
2. Terminal interface voltage : Conforming to VCCI Class B
3. Lightning transients : 15kV 1.2μs/50μs between primary and secondary, primary and earth at line impedance 100Ω and cutoff current 20mA with varistor.
4. We can supply single output type and double output type.

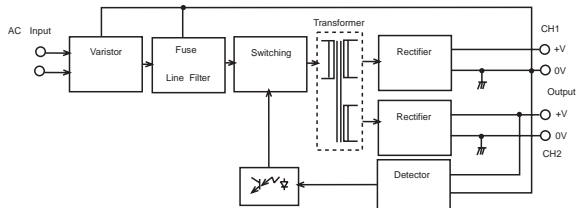
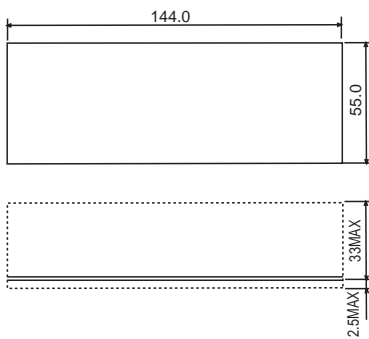
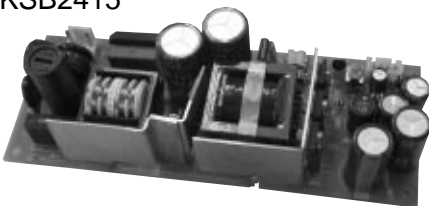
## ●TYPE KSB2411 KSB1517



## SPECIFICATIONS

ITEM	MODEL NAME	KSB2411	KSB1517
Rated output voltage	V	24	15
Rated output current	A	1.1	1.7
Minimum output current	A	0.2	0.2
Maximum output power	W	26.4	25.5
Input voltage	VAC	90 ~ 110 [Rating:100]	
Input frequency	Hz	47 ~ 63	
Inrush current	A	30 max. (Cold start)	
Efficiency	%	70 typ. [at the rated input-output]	
Input-output regulation	%	± 5%	
Ripple noise	mVp-p	30 max. [Output terminal is loaded with 100μ F and 0.1μ F]	
Hold-up time	msec.	15 min. [at the input 100V]	
Overcurrent protection	—	Provided [Output short circuit protection]	
Overvoltage protection	—	Provided	
Ambient temperature (operating)	°C	~ +60	
Ambient humidity (operating)	%RH	10 ~ 90	
Storage temperature	°C	-20 ~ +80	
Storage humidity	%RH	20 ~ 90	
Withstand voltage Primary and Secondary, Primary and Earth	—	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 1.2μ s/50μ s [at line impedance 100Ω]	
Insulation resistance	—	Primary-Secondary 100MΩ min. DC 500V.	

## ●TYPE KSB2415



## SPECIFICATIONS

ITEM	MODEL NAME	KSB2415	
Rated output voltage	V	24	15
Rated output current	A	1.0	1.2
Minimum output current	A	0.2	0.2
Maximum output power	W	39	
Input voltage	VAC	90 ~ 110 [Rating:100]	
Input frequency	Hz	47 ~ 63	
Inrush current	A	30 max. (Cold start)	
Efficiency	%	70 typ. [at the rated input-output]	
Input-output regulation	%	24V ± 2%	15V ± 2%
Ripple noise	mVp-p	30 max. [Output terminal is loaded with 100μF and 0.1μF]	
Hold-up time	msec.	15 min. [at the input 100V]	
Overcurrent protection	—	Provided [Output short circuit protection]	
Overvoltage protection	—	Provided	
Ambient temperature (operating)	°C	0 ~ +60	
Ambient humidity (operating)	%RH	10 ~ 90	
Storage temperature	°C	-20 ~ +80	
Storage humidity	%RH	20 ~ 90	
Withstand voltage Primary and Secondary, Primary and Earth	—	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 1.2μ s/50μ s [at line impedance 100Ω]	
Insulation resistance	—	Primary-Secondary 100MΩ min. DC 500V.	