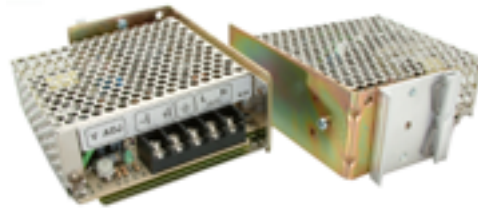


- |  |  |
|--|--|
| .LOW COST, HIGH RELIABILITY                      | .COMPACT SIZE, LIGHT WEIGHT            |
| .105°C OUTPUT CAPACITOR                          | .100% FULL LOAD BURN-IN TEST           |
| .INTERNATIONAL AC INPUT RANGE                    | .BUILT IN EMI FILTER, LOW RIPPLE NOISE |
| .HIGH EFFICIENCY, LOW WORKING TEMPERATURE        |  |
| .SOFT-START CIRCUIT, LIMITING AC SURGE CURRENT   |  |
| .SHORT CIRCUIT, OVERLOAD, OVER VOLTAGE PROTECTED |  |

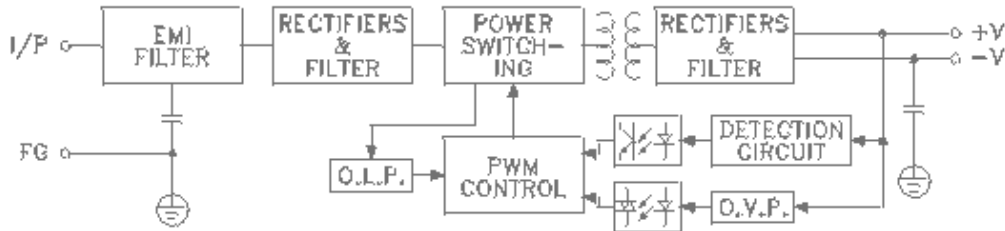
SPECIFICATION	MODEL	
	M328	
DC OUTPUT VOLTAGE		5V
OUTPUT V. TOLERANCE		±2%
OUTPUT RATED CURRENT		5A
OUTPUT CURRENT RANGE		0-5A
RIPPLE & NOISE		50mVp-p
LINE REGULATION		±0.5%
LOAD REGULATION		±1%
DC OUTPUT POWER		25W
EFFICIENCY		72% / 115VAC
DC VOLTAGE ADJ.		+10,-5%
INPUT VOLTAGE RANGE	85~264VAC 47~63Hz; 120~370VDC	
AC CURRENT	0.6A/115V 0.35A/230V	
INRUSH CURRENT	COLD START 15A/115V 30A/230V	
LEAKAGE CURRENT	<0.75mA/240VAC	
OVERLOAD PROTECTION	105%~150% TYPE:PULSING HICCUP SHUTDOWN RESET:AUTO RECOVERY	
OVER VOLTAGE PROTECTION	115%~135%	
OVER TEMP. PROTECTION	-----	
TEMP. COEFFICIENT	±0.03% / °C (0~50°C)	
SETUP, RISE, HOLD UP TIME	800ms, 50ms, 10ms / 115VAC 300ms, 50ms, 80ms / 230VAC	
VIBRATION	10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES	
WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms	
WORKING TEMP., HUMIDITY	-10°C~+60°C(REFER TO OUTPUT DERATING CURVE), 20%~90% RH	
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH	
DIMENSION	99*97*35mm CASE:905	
WEIGHT	0.37Kgs	
SAFETY STANDARDS	UL1012, TUV EN60950 (IEC950, UL1950) APPROVED	
EMC STANDARDS	CISPR22 (EN55022), IEC801-2,3,4, IEC555-2 VERIFICATION	



- NOTE :
- 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25° C 70% RH. AMBIENT.
  - 2.TOLERANCE GINCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
  - 3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
  - 4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
  - 5.LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.
  - 6.C6 MUST BE REMOVED.

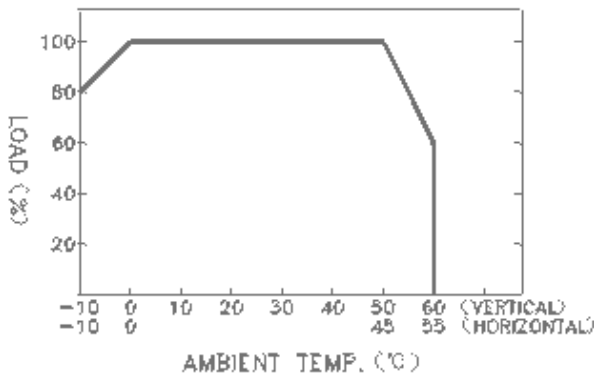
JUN.09.98

**BLOCK DIAGRAM**

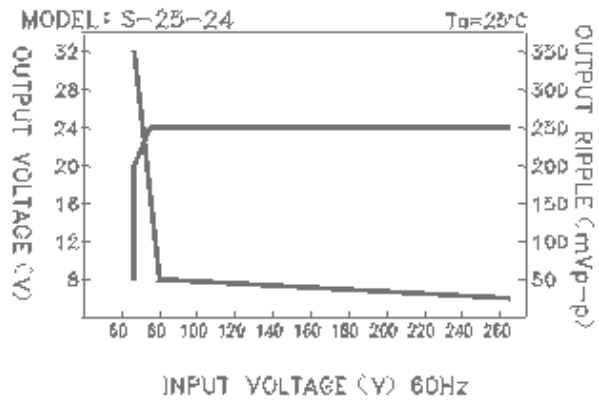


fosc : 56KHz

**OUTPUT DERATING**



**STATIC CHARACTERISTICS**



**DIMENSION (mm)**

- ☒ CASE : 905
- ☒ TERMINAL PIN NO. ASSIGNMENT
  - ☒ PIN 1 : DC OUTPUT -V
  - ☒ PIN 2 : DC OUTPUT +V
  - ☒ PIN 3 : FG
  - ☒ PIN 4,5 : AC INPUT

