

25W Single Output Switching Power Supply

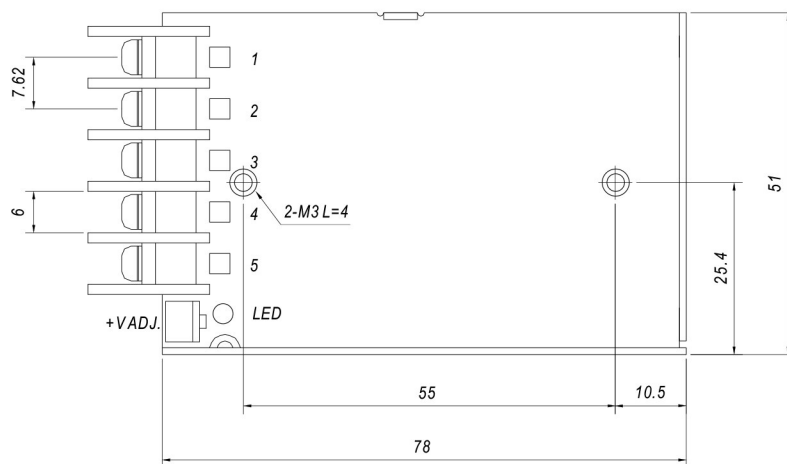
FEATURES:

- Universal AC input/ Full range
- Protections: Short circuit/ Overload/ Over voltage
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- All using 105 degrees long life electrolytic capacitors
- Withstand 300VAC surge input for 5 sec.
- High operating temperature up to 70 70degrees
- Withstand 5G vibration test
- No load power consumption <0,5W
- 1 year warranty



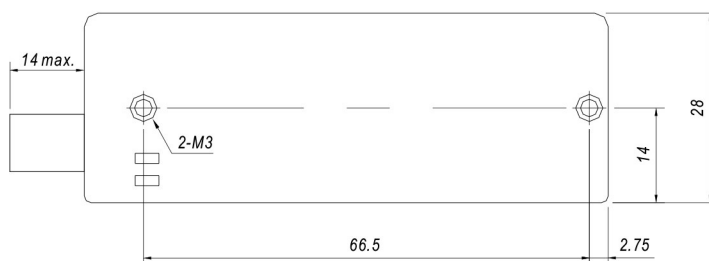
MODEL:	S-25-12
DC VOLTAGE	12V
RATED CURRENT	2,1A
CURRENT RANGE	0~ 2,1A
RATED POWER	25,2W
RIPPLE & NOISE(max)	120Mvp-p
VOLTAGE ADJ RANGE	10,8~13,2V
VOLTAGE TOLERANCE	1%
LINE REGULATION	0,5%
LOAD REGULATION	0,5%
INPUT:	
VOLTAGE RANGE	88-264VAC 125-373VDC
FREQUENCY RANGE	47-63
EFFICIENCY	81,5%
AC CURRENT	0.4A/230VAC
INRUSH CURRENT	COLD START 30A/230V
PROTECTION	110-180% RATED OUTPUT POWER
ENVIRONMENT:	
WORKING TEMP	-20-+70 C
WORKING HUMIDITY	20-90% RH non-condensing
STORAGE TEMP HUMIDITY	-40+85C, 10-95% RH
TEMP. COEFFICIENT	+ - 0.03% C (0-50C)
VIBRATION	10500Hz, 5G, 10min /1cycle, period for 60 min. each along X Y Z axes

Mechanical Specification



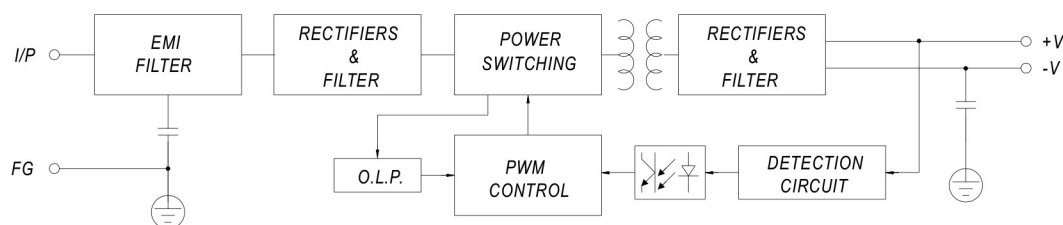
Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG $\perp$		

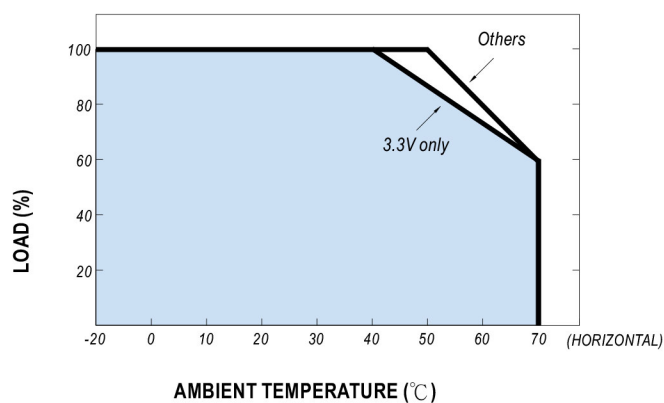


Block Diagram

$f_{osc} : 60KHz$



Derating Curve



Static Characteristics (24V)

