



Features

- Constant current design
- Withstand 300VAC surge input for 5 seconds
- Protections Short circuit / Over voltage
- Cooling by free air convection
- Small and compact size
- Fully encapsulated with IP67 level (Note 7)
- Fully isolated plastic case
- Class II power unit no FG
- Class 2 power unit
- Pass LPS
- Suitable for LED lighting and moving sign applications
- 100% full load burn in test
- Low cost high reliability
- 2 years warranty

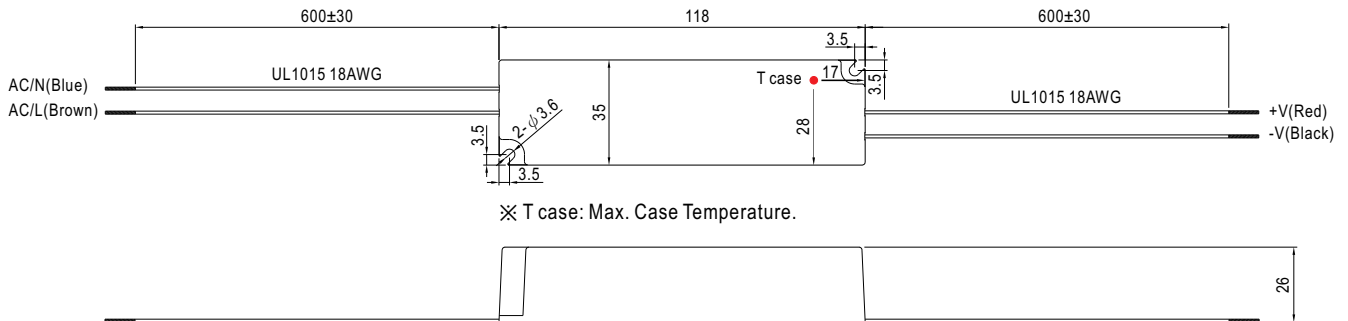


SPECIFICATION

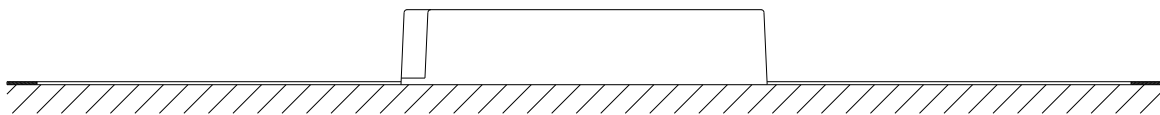
MODEL		DE35017
OUTPUT	RATED CURRENT	350mA
	DC VOLTAGE RANGE	9-48V
	RATED POWER	16,8W
	RIPPLE & NOISE (max.) Note.2	200mVp-p
	VOLTAGE TOLERANCE Note.3	± 5.0%
	CURRENT ACCURACY	± 5.0%
	LOAD REGULATION	± 2.0%
	SETUP, RISE TIME	500ms, 250ms / 230VAC 500ms, 250ms / 115VAC at full load
HOLD UP TIME (Typ.)	50ms/230VAC at full load	
INPUT	VOLTAGE RANGE	90 ~ 264VAC 127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY(Typ.)	83%
	AC CURRENT	0.55A/115VAC 0.35A/230VAC
	INRUSH CURRENT(Typ.)	COLD START 70A(twidth=220µs measured at 50% Ipeak) at 230VAC
	MAX. No. of PSUs on 16A CIRCUIT BREAKER	8 units (circuit breaker of type B) / 14 units (circuit breaker of type C) at 230VAC
LEAKAGE CURRENT	0.25mA / 240VAC	
PROTECTION	OVER VOLTAGE	50.4 ~ 60V Protection type : Shut off o/p voltage, clamping by zener diode
ENVIRONMENT	WORKING TEMP.	-30~ +70°C (Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C, 10 ~ 95% RH
	TEMP. COEFFICIENT	± 0.03%/C (0 ~ 50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & EMC (Note 4)	SAFETY STANDARDS	UL879, UL1310 , CSA C22.2 No. 207-M89(except for LPC-20-350), CAN/CSA C22.2 No. 223-M91(except for LPC-20-350), TUV EN60950-1, IP67 approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C/ 70% RH
	EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN61000-3-2 Class A, EN61000-3-3
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024, light industry level, criteria A
OTHERS	MTBF	1200.6K hrs min. MIL-HDBK-217F (25°C)
	DIMENSION	118*35*26mm (L*W*H)
	PACKING	0.22Kg; 60pcs/14.2Kg/0.62CUFT
NOTE	<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0,1uF & 47uF parallel capacitor.</p> <p>3. Tolerance: includes set up tolerance, line regulator and load regulation.</p> <p>4. The power supply is considered as a component manufactures must re-qualify EMC Directive on the complete installation again.</p> <p>5: Suitable for indoor use or outdoor use without direct sunlight exposure.</p> <p>6. The unit might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use the unit.</p>	

Mechanical Specification

Case No. 972A Unit:mm

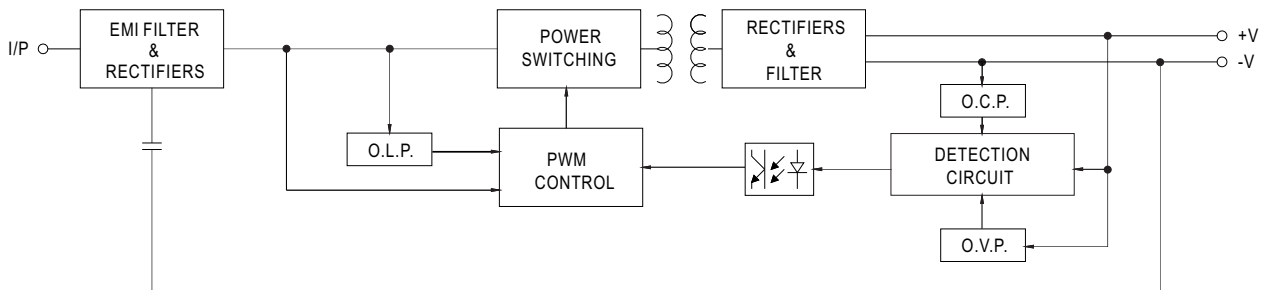


Recommend Mounting Direction

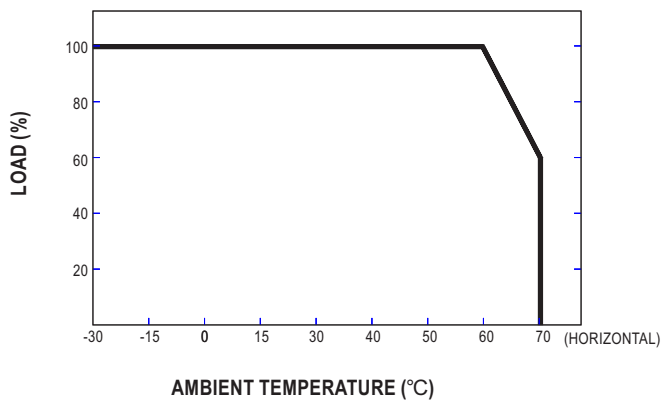


Block Diagram

fosc : 60KHz



Derating Curve



Static Characteristics

