

SLIF240-10BxxR3S



DIMENSION : 63*125.2*113.5mm

Features:

- Universal AC input/Full range
- Protections: Short circuit/Overload/Over voltage/Over temperature
- Cooling by free air convection
- Built-in EMI filter with minimal Bellows
- Power Protection Level : IP31
- 100% full load burn-in test
- Complay with EN55022:2010+AC : 2011/EN61000-3-2 and EN61000-4-2,3,4,5,6,8,11/EN60950-1
- 3-year quality assurance (two replacement per year, free maintenance for two years)

SPECIFICATION

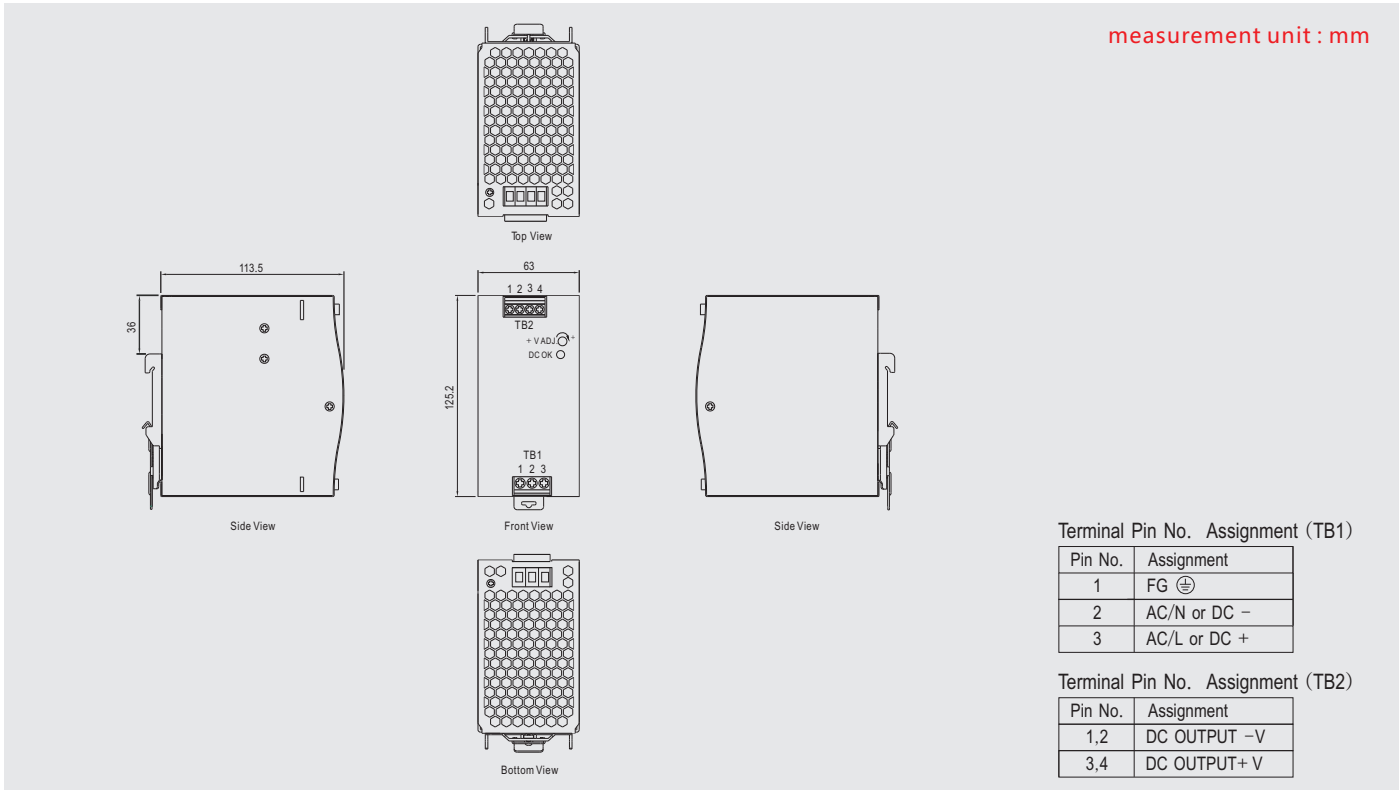


CE RoHS

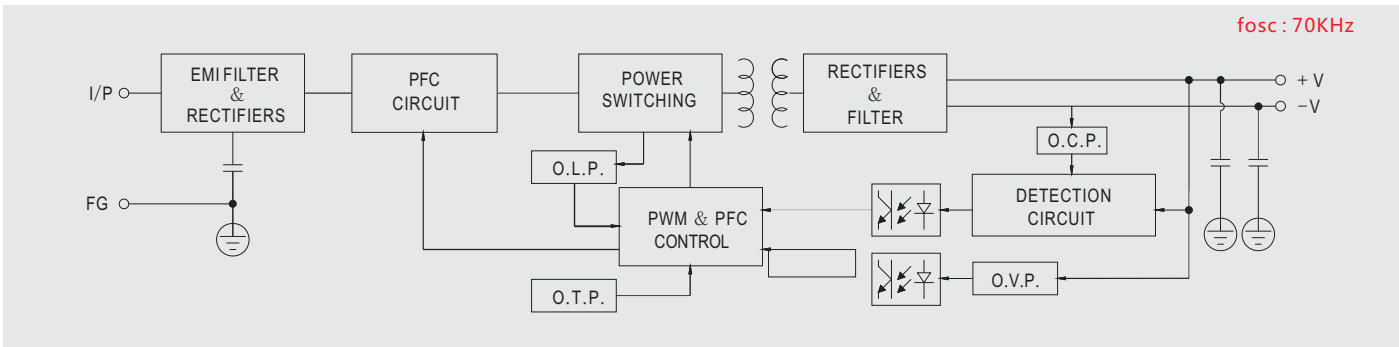
MODEL		SLIF240-10B24R3S		SLIF240-10B48R3S	
OUTPUT	DC VOLTAGE	24V		48V	
	RATED CURRENT	10A		5A	
	CURRENT RANGE	0-10A		0-5A	
	RATED POWER	240W		240W	
	RIPPLE & NOISE (max) Note.2	150mVp-p		150mVp-p	
	VOLTAGE ADJ. RANGE	24-28V		48-55V	
	VOLTAGE TOLERANCE Note.3	±1.0%		±1.0%	
	LINE REGULATION	±0.5%		±0.5%	
	LOAD REGULATION	±1.0%		±1.0%	
	SETUP, RISE TIME	1500ms,100ms/230VAC 3000ms,100ms/115VAC(at full load)			
HOLD UP TIME (Typ)	28ms/230VAC 22ms/115VAC(at full load)				
INPUT	VOLTAGE RANGE Note.4	90~264VAC 127~370VDC			
	FREQUENCY RANGE	47~63Hz			
	POWER FACTOR (Typ.)	PF > 0.98/115VAC , PF > 0.95/230VAC (at full load)			
	EFFICIENCY (Typ.)	88.5%		90%	
	AC CURRENT (Typ.)	2.5A/115VAC 1.3A/230VAC			
	INRUSH CURRENT (Typ.)	20A/115VAC 35A/230VAC			
	LEAKAGE CURRENT	<1mA/240VAC			
PROTECTION	OVERLOAD	105%~130% rated output power Protection type : Constant current limiting, recovers automatically after fault condition is removed			
	OVER VOLTAGE	29~33V		56~65V	
		Protection type : Shut down o/p voltage, re-power on to recover			
	OVER TEMPERATURE	Shut down o/p voltage, recovers automatically after temperature goes down			
ENVIRONMENT	WORKINF TEMP.	-20°C~ +70°C (Refer to "Derating Curve")			
	WORKING HUMIDITY	20~95%RH non-condensing			
	STORAGE TEMP., HUNIDITY	-40~ +85°C , 10~95%RH			
	TEMP. COEFFICIENT	±0.03%/°C (0~50°C)			
	VIBRATION	Component : 10~500Hz,2G 10min./1 cycle , 60min. each along X,Y,Z axes; Mounting: Compliance IEC60068-2-6			
SAFETY& EMC (Note.4)	SAFETY STANDARDS	UI508, TUV BS EN/EN62368-1,EAC TP TC 004, BSMI CNS14336-1, IS13252(Part1)/IEC60950-1 approved; (meet BS EN/EN60204-1)			
	WITHSTAND VOLTAGE	I/P-O/P : 2KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG: > 100M Ohms/500VDC/25°C/70%RH			
	EMC EMISSION	Compliance to BS EN/EN55032(CISPR32),BS EN/EN61204-3 Class B,BS EN/EN61000-3-2,EAC TP TC 020, CNS13438			
	EMC IMMUNITY	Compliance to BS EN/EN61000-4-2,3,4,5,6,8,11,BS EN/EN55024, BS EN/EN61000-6-2(BS EN/EN50082-2), BS EN/EN61204-3, heavy industry level, criteria A , EAC TP TC 020			
OTHERS	MTBF	≥230.2K hrs. MIL-HDBK-217F(25°C)			
	DIMENSION	63*125.2*113.5mm(W*H*D)			
	PACKING	1Kg; 12pcs/13Kg/1.22CUFT			
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line ragulation and load regulation. 4. The power supply is considered a component which will be installed into final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 5. Installation clearances : 40mm on top, 20mm on the bottom, 5mm on the left and right side are recommended when loaded permanently with full power. In case the adjacent device is a heat soure, 15mm clearance is recommended. 6. Derating may be needed under low input voltage. Please check the derating curve for more details.				

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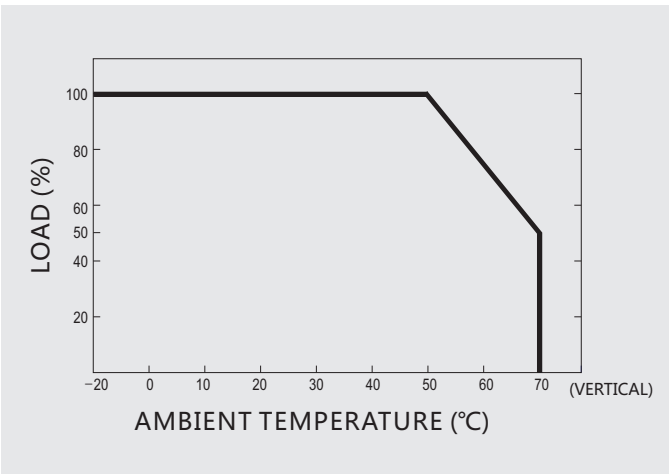
Mechanical Specification



Block Diagram



Derating Curve



Output derating VS input voltage

