



Approval Marks



		Item	Value	Remark
Input		Nominal voltage	100 - 240 V	
		Nominal frequency	50 - 60 Hz	
		AC voltage range	90 - 264 V	
		DC voltage range (start)	NA	
		DC voltage range (operation)	NA	
		Nominal current	85 / 50 mA	Full load @100/230VAC
		Total Harmonic Distortion (THD)	NA	
		Power factor		Full load @100/230VAC
		LSC4W200LRP UNI	0.45 - 0.64 C	
		LSC4W350LRP UNI	0.37 - 0.65 C	
		LSC4W500LRP UNI	0.4 - 0.61 C	
		LSC4W700LRP UNI	0.45 - 0.65 C	
		Displacement factor		Full load @120/230VAC
		LSC4W200LRP UNI	0.45 - 0.64 C	
		LSC4W350LRP UNI	0.37 - 0.65 C	
		LSC4W500LRP UNI	0.4 - 0.61 C	
		LSC4W700LRP UNI	0.45 - 0.65 C	
		Efficiency		Full load @100/230VAC
		LSC4W200LRP UNI	73 %(Typ.)	
		LSC4W350LRP UNI	70 %(Typ.)	
		LSC4W500LRP UNI	67 %(Typ.)	
		LSC4W700LRP UNI	68 %(Typ.)	
Output		No-load power	NA	
		Stand-by power	NA	
		Protection class	NA	
		Inrush current	15 A / 300 us	
		Type B , 10A MCB	40	
		Type B , 16A MCB	64	
		Type C , 10A MCB	59	
		Type C , 16A MCB	94	
		Earth leakage current	NA	
		Nominal voltage range		
		LSC4W200LRP UNI	13 - 17.5 Vdc	
		LSC4W350LRP UNI	2.7 - 9.5 Vdc	

	Item	Value	Remark
Output	LSC4W500LRP UNI	2.7 - 6.5 Vdc	
	LSC4W700LRP UNI	2.7 - 4.5 Vdc	
	Maximum voltage		
	LSC4W200LRP UNI	28 Vdc	
	LSC4W350LRP UNI	18 Vdc	
	LSC4W500LRP UNI	15 Vdc	
	LSC4W700LRP UNI	15 Vdc	
	Nominal current range		
	LSC4W200LRP UNI	200 mA	
	LSC4W350LRP UNI	350 mA	
	LSC4W500LRP UNI	500 mA	
	LSC4W700LRP UNI	700 mA	
	Current accuracy		Full load @100/230VAC
	LSC4W200LRP UNI	± 7 %	
	LSC4W350LRP UNI	± 7 %	
	LSC4W500LRP UNI	± 5 %	
	LSC4W700LRP UNI	± 5 %	
	Typical output LF current ripple	± 5 %	Low Frequency< 120Hz Full load @100/230VAC
	Starting time	< 0.5 S	Full load @100VAC
		< 0.5 S	Full load @230VAC
Dimming	SVM	≤ 0.4	Full load @230VAC
	P _{st} LM	≤ 1	Full load @230VAC
	Nominal power range		
	LSC4W200LRP UNI	2.6 - 3.5 W	
	LSC4W350LRP UNI	1.0 - 3.3 W	
	LSC4W500LRP UNI	1.4 - 3.2 W	
	LSC4W700LRP UNI	1.9 - 3.1 W	
	Maximum power	4 W	
	Dimming control	NA	
	Dimming technique	NA	
Environment	PWM frequency	NA	
	Dimming range	NA	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
	Ambient temperature range t _a	- 20 °C - + 50 °C	
	Maximum case temperature t _c		
	LSC4W200LRP UNI	75 °C	
	LSC4W350LRP UNI	80 °C	
	LSC4W500LRP UNI	80 °C	
	LSC4W700LRP UNI	90 °C	
	Max. case temp. in fault condition	110 °C	When operating under fault conditions, the temperature of the enclosure at any location should not exceed 110 °C
	Storage temperature range	- 40 °C - + 90 °C	
	Relative humidity	10 % - 90 %	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	

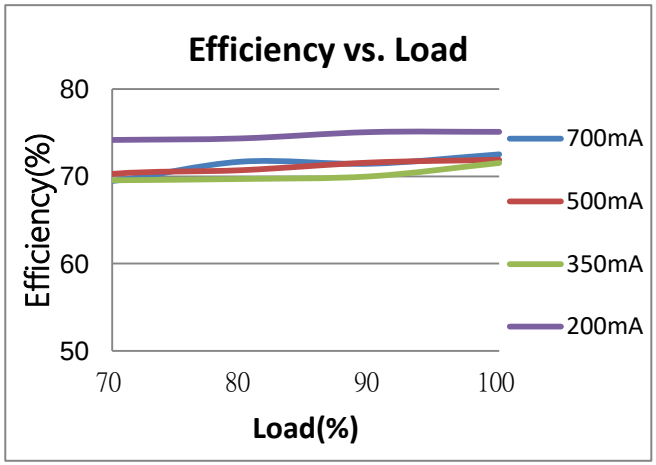
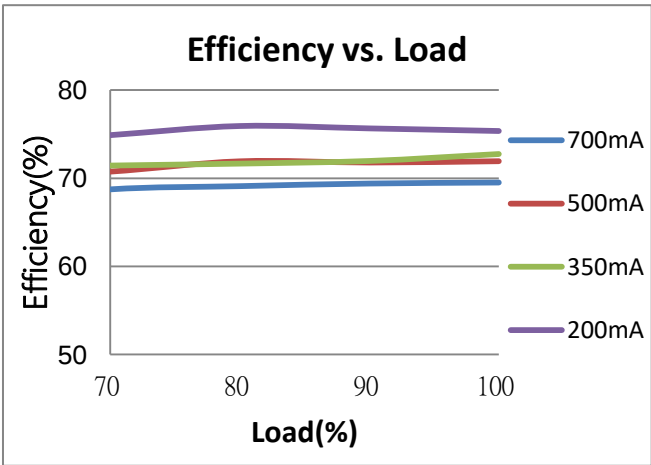
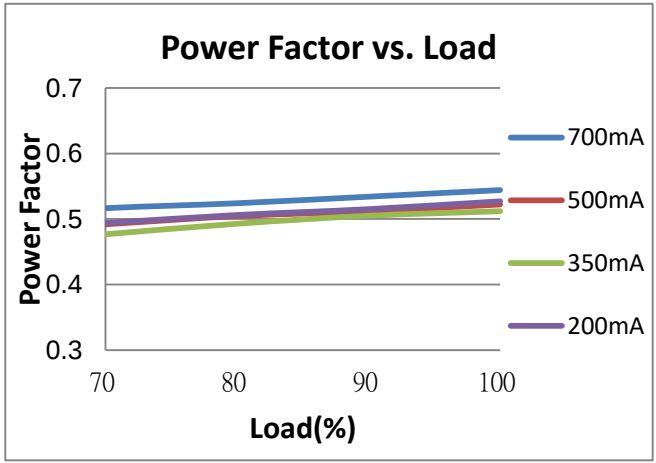
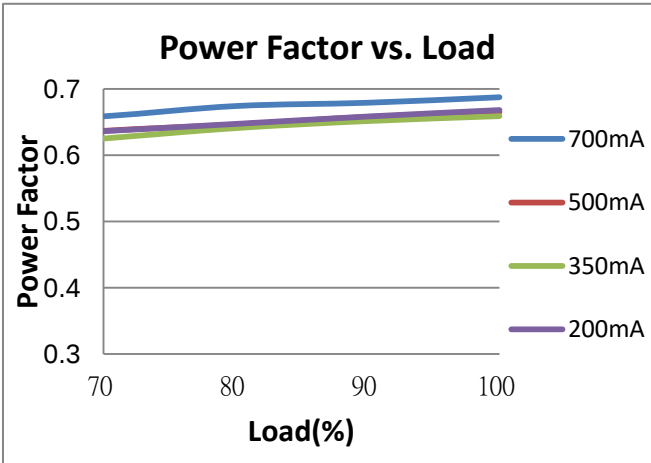
Item		Value				Remark	
Environment	Expected lifetime						
	LSC4W200LRP	>	50,000 h , tc	75 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
		>	100,000 h , tc	65 °C @ ta	40 °C	0.1 % / 1,000 h failure rate	
	LSC4W350LRP	>	50,000 h , tc	80 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
		>	100,000 h , tc	70 °C @ ta	40 °C	0.1 % / 1,000 h failure rate	
	LSC4W500LRP	>	50,000 h , tc	80 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
		>	100,000 h , tc	70 °C @ ta	40 °C	0.1 % / 1,000 h failure rate	
	LSC4W700LRP	>	50,000 h , tc	90 °C @ ta	50 °C	0.2 % / 1,000 h failure rate	
>		100,000 h , tc	80 °C @ ta	40 °C	0.1 % / 1,000 h failure rate		
Packing	Gross weight/Carton		3.3 kg				
	Net weight/Carton		3.0 kg				
	Pcs/Carton		100 PCS				
	Dimension/Carton		240 (L) *	190 (W) *	185 (H) mm		
Protections							
Short-circuit Protection			Auto recovery				
Open-circuit Protection			Auto recovery				
Overload Protection			Auto recovery				
Conformity & Standards							
Safety standard:		EN 61347-1, EN 61347-2-13, EN 62493					
Performance:		EN 62384					
SAA standard:		AS/NZS 61347.1, AS/NZS IEC 61347.2.13					
EMC standard:		EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547					
Cable information							
PRI	Connection	L			N		
	Color	Brown			Blue		
	Wire type	7022			7022		
	Wire diameter	AWG 18			AWG 18		
	Wire length	145 mm			144 mm		
	Stripping	6 mm			6 mm		
	Tolerance	±	5 mm		±	5 mm	
Sec	Connection	+			-		
	Color	Red			Black		
	Wire type	1332			1332		
	Wire diameter	AWG 22			AWG 22		
	Wire length	145 mm			145 mm		
	Strip length	6 mm			6 mm		
	Tolerance	±	5 mm		±	5 mm	

Subject to change without notice, HEP guarantees all products perform functionally well

* If not mentioned, all the test conditions are based on full load at 100/230VAC input (for 100-240 VAC input).

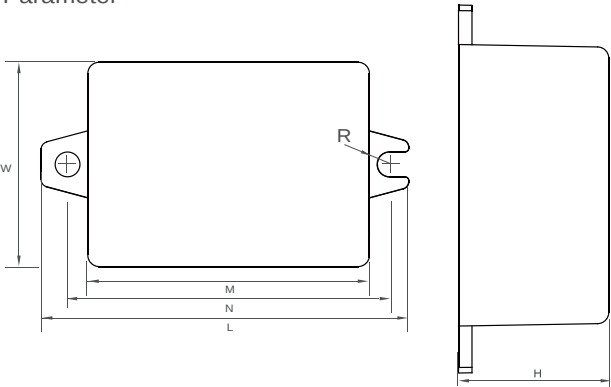
100V

230V



Physical

Parameter



L : 49 mm H : 20 mm
M : 37.5 mm N : 42.9 mm
W: 27.2 mm R : 1.65 mm
Tolerance : +/-1 mm , R : +/-0.5 mm
Housing Material Polycarbonate/ Potting
Soldering Lead-Free, Comply With RoHS
Label Surface Print

Wiring Diagram

