



Approval Marks



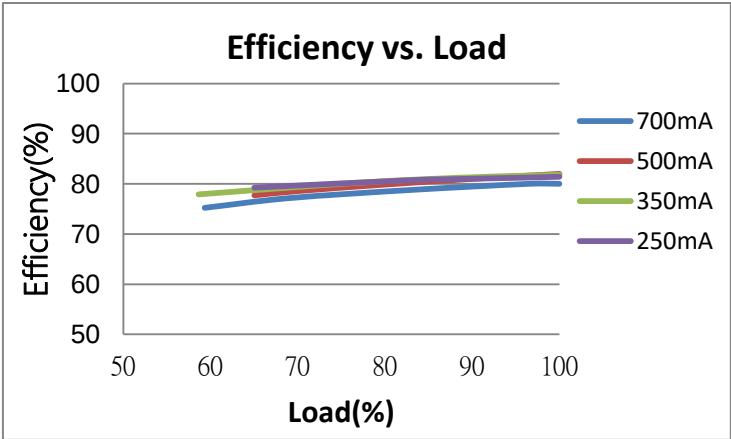
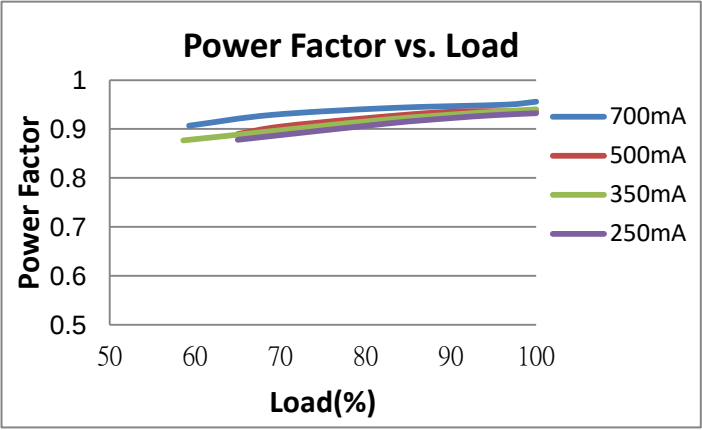
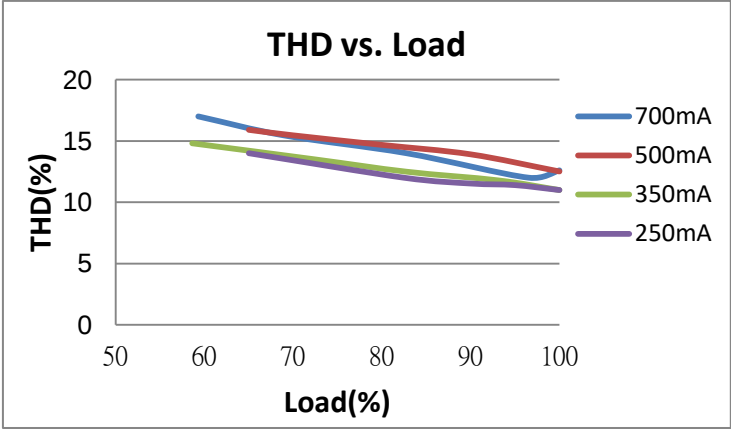
Item		Value	Remark
Input	Nominal voltage		220–240V
	Nominal frequency		50–60Hz
	AC voltage range		198–264V
	DC voltage range (start)		NA
	DC voltage range (operation)		NA
	Nominal current		Full load @230VAC
	G5S10W200LR-Z		56mA
	G5S10W250LR-Z		63mA
	G5S10W350LR-Z		66mA
	G5S10W450LR-Z		58mA
	G5S10W500LR-Z		63mA
	G5S10W700LR-Z		66mA
	Total Harmonic Distortion (THD)		< 20%
	Power factor		Full load @230VAC
	G5S10W200LR-Z		0.78-0.92C
	G5S10W250/350/450/500/700LR-Z		0.85-0.94C
	Displacement factor		Full load @230VAC
	G5S10W200LR-Z		0.78-0.92C
	G5S10W250/350/450/500/700LR-Z		0.85-0.94C
	Efficiency		80% (Typ.)
	No-load power		NA
	Stand-by power		NA
	Protection class		II
	Inrush current		4.7 A / 30 μs
Max.units per circuit breaker		Type B , 10A MCB	61
		Type B , 16A MCB	97
		Type C , 10A MCB	76
		Type C , 16A MCB	121
Earth leakage current		NA	

Output	Nominal voltage range		
	G5S10W200LR-Z	29-42Vdc	
	G5S10W250LR-Z	26-40Vdc	
	G5S10W350LR-Z	17-29Vdc	
	G5S10W450/500LR-Z	13-20Vdc	
	G5S10W700LR-Z	8.6-14.5Vdc	
	Maximum voltage		
	G5S10W200LR-Z	55Vdc	
	G5S10W250LR-Z	53Vdc	
	G5S10W350LR-Z	40Vdc	
	G5S10W450/500LR-Z	29Vdc	
	G5S10W700LR-Z	26Vdc	
	Nominal current range		
	G5S10W200LR-Z	200mA	
	G5S10W250LR-Z	250mA	
	G5S10W350LR-Z	350mA	
	G5S10W450LR-Z	450mA	
	G5S10W500LR-Z	500mA	
	G5S10W700LR-Z	700mA	
	Current accuracy		Full load @230VAC
	G5S10W200LR-Z	± 6%	
	G5S10W250/350/450/500/700LR-Z	± 5%	
	Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @230VAC
	SVM	≤ 0.4	Full load @230VAC
	P _{st} LM	≤ 1	Full load @230VAC
	Starting time	< 0.5S	Full load @230VAC
	Nominal power range		
	G5S10W200LR-Z	5.8-8.4W	
	G5S10W250LR-Z	6.5-10W	
	G5S10W350LR-Z	6-10.1W	
	G5S10W450LR-Z	5.9-9W	
	G5S10W500LR-Z	6.5-10W	
	G5S10W700LR-Z	6.1-10.1W	
	Maximum power	10.1W	
Environment	Ambient temperature range t _a	-20°C - +45°C	
	Maximum case temperature t _c		
	G5S10W200/250/700LR-Z	80°C	
	G5S10W350/450/500LR-Z	85°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 - +85°C	
	Relative humidity	10% - 85%	
	Surge transient protection	1 kV , 2 kV	L-N , L/N-PE
	Environmental rating	Indoor	

	Item	Value	Remark
Environment	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime		
	G5S10W200/250/700LR-Z	> 50,000 h, tc 80 °C @ ta 45 °C > 100,000 h, tc 70 °C @ ta 35 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
	G5S10W350/450/500LR-Z	> 50,000 h, tc 85 °C @ ta 45 °C > 100,000 h, tc 75 °C @ ta 35 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	7.3 kg	
	Net weight/box	6.2 kg	
	Pcs/box	144 PCS	
	Dimension/box	385(L)*310(W)*260(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, EN62493	
	EMC standard:	EN55015, EN61000-3-2, EN61000-3-3, EN61547	
	CCC standard:	GB/T17743,GB19510.1,GB19510.14	
	SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13	
	Performance:	EN62384	
Cable information			
PRI	Connection		
	Cable cross-section	0.75-1.5□/AWG 18-16	
	Stripping	6mm	
	Pull test cable type	H03VV(H2)-F 2x0,75-1,5 mm ² ,H05VV(H2)-F 2x0,75-1,5 mm ²	
SEC	Connection		
	Cable cross-section	0.75-1.5□/AWG 18-16	
	Stripping	6mm	
Terminal information			
PRI-	Screw type		
SEC-	Screw type		

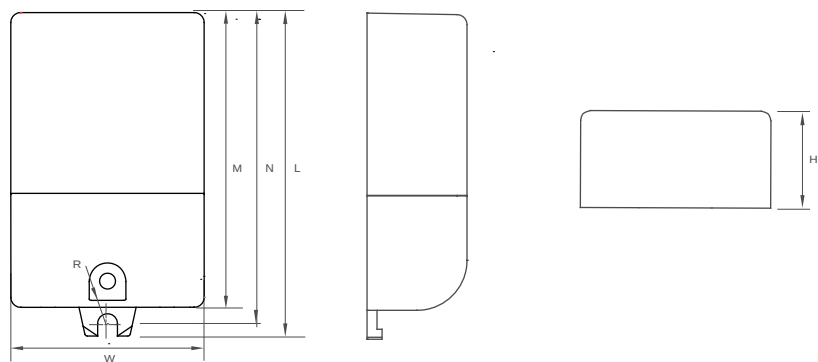
* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

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



Physical

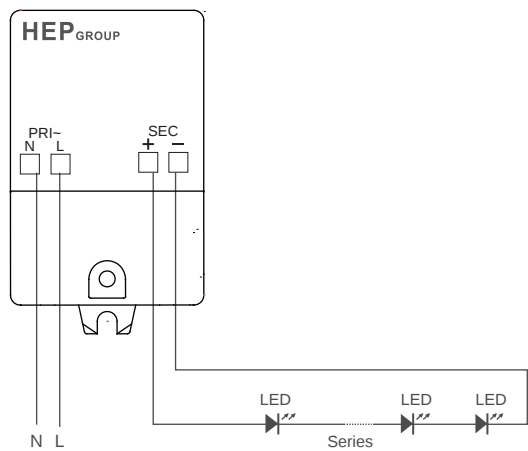
Parameter



L : 65 mm H : 20 mm
M : 59.2 mm R : 2 mm
N : 62.5 mm W : 39 mm

Tolerance : +/-1 mm , R : +/-0.5 mm
Slot On One Side Allowing Alignment : M+/-3 mm
Housing Material : Polycarbonate
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram



The length of wire from output to luminaire should be less than 2M