

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		
	G5R10W200LRP	60mA	
	G5R10W250/350/500/700LRP	65mA	
	Total Harmonic Distortion (THD)	< 15%	Full load @230VAC
	Power factor(Displacement factor)	0.9C	Full load @230VAC
	Displacement factor	0.9C	Full load @230VAC
	Efficiency	83%(Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
Protection class	NA		
Inrush current	8.5A / 140uS		
Earth leakage current	NA		
Output	Nominal voltage range		
	G5R10W200/250LRP	30-42Vdc	
	G5R10W350LRP	13-26Vdc	
	G5R10W500LRP	12-20Vdc	
	G5R10W700LRP	8.6-12.9Vdc	
	Maximum voltage		
	G5R10W200/250LRP	50Vdc	
	G5R10W350LRP	35Vdc	
	G5R10W500LRP	28Vdc	
	G5R10W700LRP	20Vdc	
	Nominal current range		Full load @230VAC
G5R10W200LRP	200mA		
G5R10W250LRP	250mA		
G5R10W350LRP	350mA		

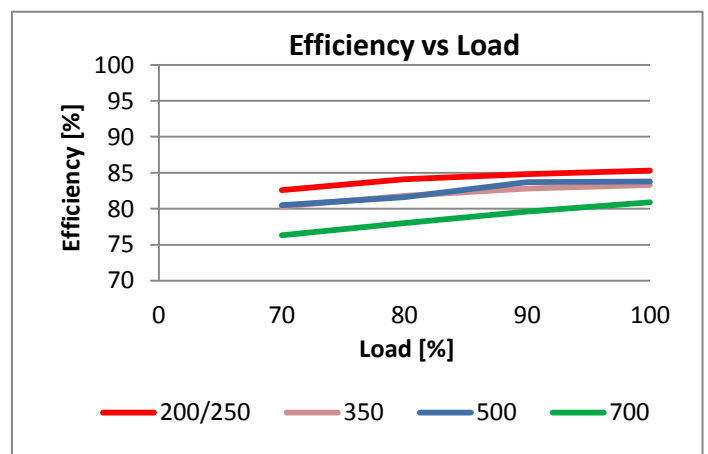
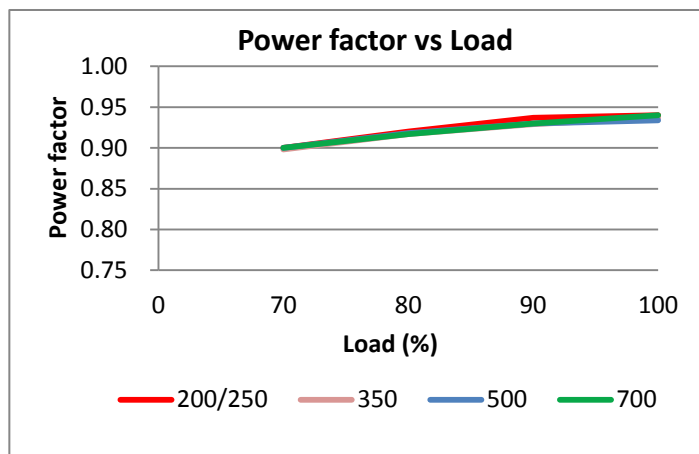
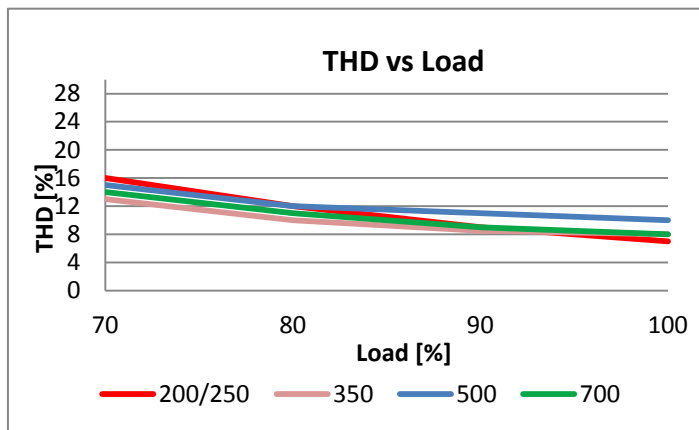
	Item	Value	Remark
	G5R10W500LRP	500mA	
	G5R10W700LRP	700mA	
	Current accuracy	± 5%	Full load @230VAC
	Typical output LF current ripple	± 4%	Low Frequency< 120Hz Full load @230VAC
Output	Starting time	< 0.5S	Full load @230VAC
	Nominal power range		
	G5R10W200LRP	6-9W	
	G5R10W250LRP	7.5-10W	
	G5R10W350LRP	4.5-10W	
	G5R10W500LRP	6-10W	
	G5R10W700LRP	6-10W	
	Maximum power	10W	
Dimming	Dimming control	NA	
	Dimming technique	NA	
	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	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
Environment	Storage temperature range	-40°C - +85°C	
	Relative humidity	10% - 95%	
	Surge transient protection	1 kV,2kV	L/N,L-PE/N-PE
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
		Output load 4.5-10W	> 50,000 h, t _c 90 °C @ t _a 50 °C
	Output load 4.5-10W	> 50,000 h, t _c 90 °C @ t _a 60 °C	0.2 % / 1,000 h failure rate
Packing	Gross weight/box	10.3 kg	
	Net weight/box	9.4 kg	
	Pcs/box	180 PCS	
	Dimension/box	385(L)*310(W)*260(H)mm	
Protections			
Short- & open circuit proof, Auto. Overload protection			
Conformity & Standards			
Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493		
Performance:	EN 62384		
CCC standard:	GB17625.1,GB/T17743,GB19510.1,GB19510.14		
EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547		
SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13		

Cable information

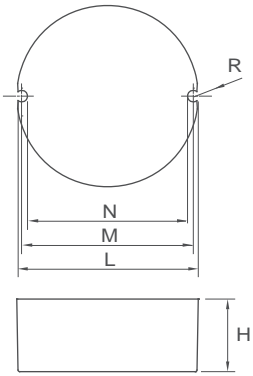
PRI Connection	L	N
Color	Brown	Blue
Wire type	7022	7022
Wire diameter	AWG20	AWG20
Wire length	143mm	143mm
Stripping	6mm	6mm
tolerance	±5mm	±5mm
SEC Connection	+	-
Color	Red	Black
Wire type	1332	1332
Wire diameter	AWG22	AWG22
Wire length	142mm	142mm
Stripping	6mm	6mm
tolerance	±5mm	±5mm

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

Electrical Values



**Physical
Parameter**



L : 48 mm M : 46.7 mm N : 43.5 mm

H : 22 mm R : 1.6 mm

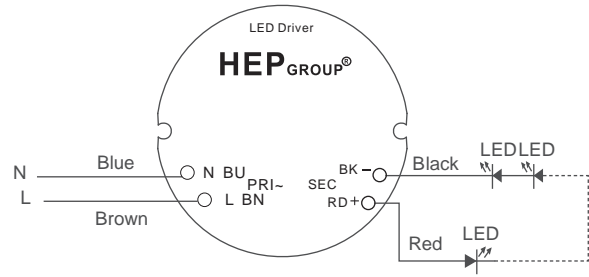
Tolerance : +/-1 mm , R : +/-0.5 mm

Housing Material : Polycarbonate / Potting

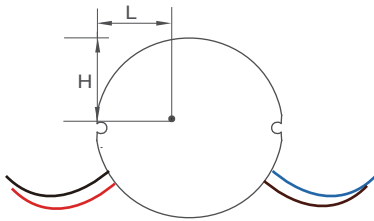
Soldering : Lead-Free, Comply With RoHS

Label : Surface Print

Wiring Diagram



TC point at bottom side of the case



L : 17.5 mm H : 19.5 mm