

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	70mA	
	Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
	Power factor	0.9C	Full load @230VAC
	Displacement factor	0.9C	Full load @230VAC
	Efficiency		
	G5RT10W200/250/350LRP	80%(Typ.)	Full load @230VAC
	No-load power	NA	
	Stand-by power	NA	
	Protection class	NA	
	Inrush current	12.4A / 7.2us	
Max.units per circuit breaker	Type B , 10A MCB	57	
	Type B , 16A MCB	91	
	Type C , 10A MCB	71	
	Type C , 16A MCB	114	
	Earth leakage current	NA	
Output	Nominal voltage range		
	G5RT10W200/250LRP	30-42Vdc	
	G5RT10W350LRP	13-26Vdc	
	Maximum voltage		
	G5RT10W200/250LRP	55Vdc	
	G5RT10W350LRP	35Vdc	
	Nominal current range		
	G5RT10W200LRP	200mA	
	G5RT10W250LRP	250mA	
	G5RT10W350LRP	350mA	

	Item	Value	Remark
Output	Current accuracy	± 5%	Full load @230VAC
	Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	SVM	≤ 0.4	Full load @230VAC
	PstLM	≤ 1	Full load @230VAC
	Nominal power range		
	G5RT10W200LRP	6-8.4W	
	G5RT10W250LRP	7.5-10.5W	
	G5RT10W350LRP	4.6-9.1W	
	Maximum power	10.5W	
Dimming	Dimming control	Trailing Edge	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	10-100%	
	Lowest dimming current	2-6%	
	Galvanic isolation	NA	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	85°C	bottom
	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% - 95%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	> 50,000 h, t _c 85 °C @ t _a 50 °C	0.2 % / 1,000 h failure rate
		> 100000 h, t _c 75 °C @ t _a 40 °C	0.1 % / 1,000 h failure rate
Packing	Gross weight/box	14.6 kg	
	Net weight/box	13.5 kg	
	Pcs/box	180 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, EN 62493	
	Performance:	EN 62384	
	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	AWG20	AWG20
Wire length	140mm	140mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

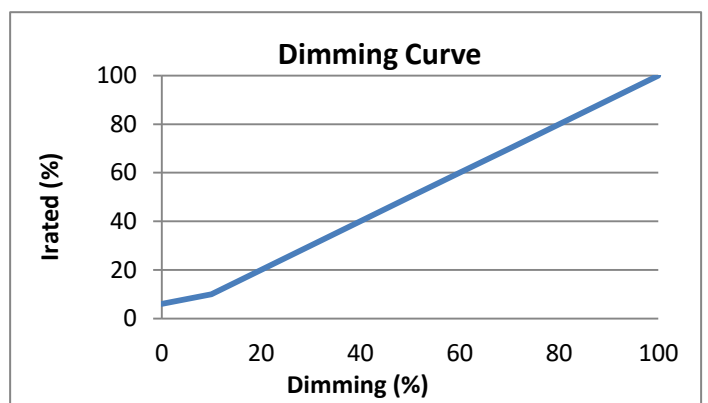
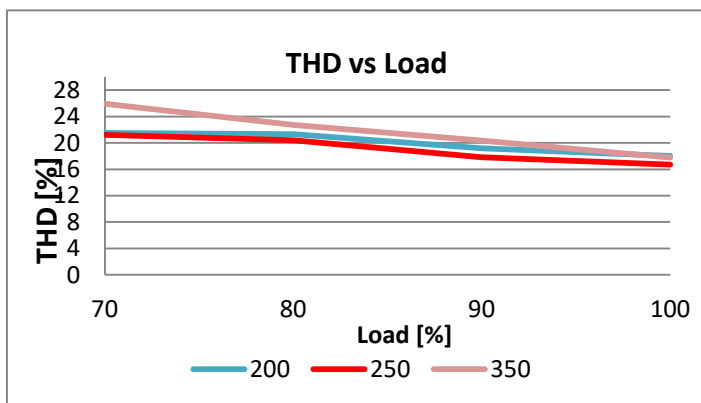
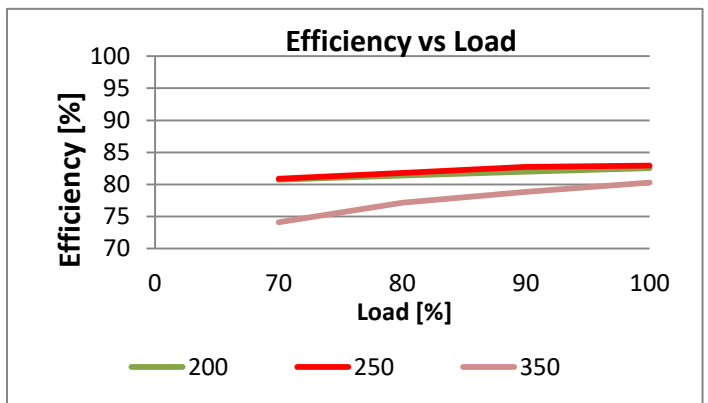
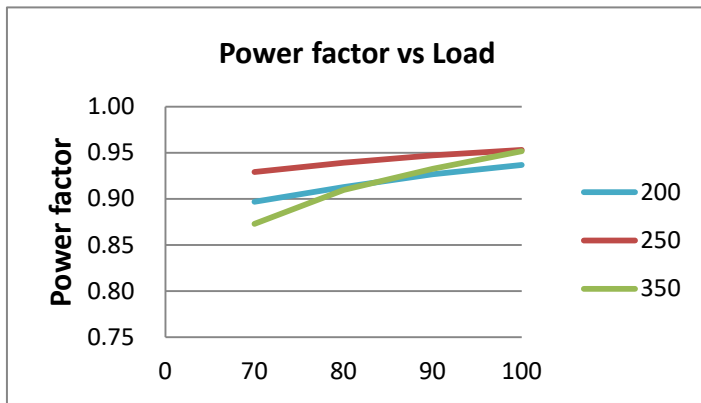
SEC Connection	+	-
Color	Red	Black
Wire type	1332	1332
Wire diameter	AWG22	AWG22
Wire length	139mm	139mm
Stripping	6mm	6mm
Tolerance	±5mm	±5mm

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

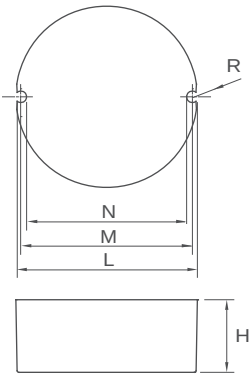
* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallelconnection
Philips	SED-200A	13
Merten/Schneider	SBD315RC	20
Etman	ETM327	20
Etman	ETM329	20
Busch	6523 UR-103	24
Busch	6523 U-102	7
Niko	310-0190X	15
JUNG	LB-Management	10
Merten	SBD200LED(MEG5134-0000)	13
AU	P3	18
CASAMBI	CBU-TED	6

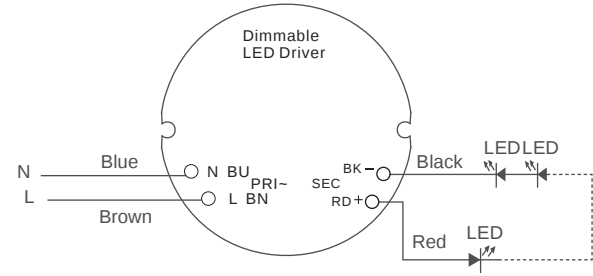


Physical
Parameter



L : 48 mm M : 46.7 mm N : 43.5 mm
H : 25 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 location (Bottom)

