



Item	Value	Remark
Nominal voltage	220–240V	
Nominal frequency	50–60Hz	
AC voltage range	198–264V	
DC voltage range	200-240	
Nominal current	80mA	Full load @230VAC
Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
Power factor	0.4-0.92C	Min-load @ 240Vac and Full-load @ 220Vac
Displacement factor	0.4-0.92C	Min-load @ 240Vac and Full-load @ 220Vac
Efficiency	82% (Typ.)	Full load 24VDC/500mA @230VAC
No-load power	NA	
Stand-by power	< 0.5W	@230Vac when DALI turn off
Networked standby power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	15 A / 100 μs	Full load @230VAC
Max.units per circuit breaker	Type B , 10A MCB	50
	Type B , 16A MCB	80
	Type C , 10A MCB	63
	Type C , 16A MCB	100
Earth leakage current	NA	
Output	Nominal voltage range	
	@350mA	3-24Vdc
	@500mA	3-24Vdc
	@550mA	3-22Vdc
	@700mA	3-17Vdc
	Maximum voltage	32Vdc
	Nominal current range	Factory default 700mA
	@350mA	350mA
	@500mA	500mA
	@550mA	550mA
@700mA	700mA	
Current accuracy	± 5%	Full load @ 230Vac
Typical output LF current ripple	± 5%	Low Frequency< 120Hz Full load @230VAC

	Item	Value	Remark
Output	Starting time	< 1S	Full load @230VAC
	SVM	≤0.4	Full load @230VAC
	PstLM	≤1	Full load @230VAC
	Nominal power range		
	@350mA	1.1-8.4W	
	@500mA	1.5-12.0W	
	@550mA	1.7-12.1W	
	@700mA	2.1-11.9W	
	Maximum power	12W	
Dimming	Dimming control	DALI/Touch Dim	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range		
	DALI Dimming	2-100%	
	Touch Dimming	2-100%	
	Galvanic isolation	Basic insulated to PRI and double insulated to SEC	
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	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 - +80°C	
	Relative humidity	85%	
	Surge transient protection	1kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 10,000	
	Expected lifetime	> 50,000 h, t _c 85 °C @ t _a 50 °C > 100000 h, t _c 75 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	12 kg	
	Net weight/box	9 kg	
	Pcs/box	125 PCS	
	Dimension/box	490(L)*270(W)*225(H)mm	
Protections			
	Short-circuit Protection	Latched	
	Open-circuit Protection	Auto recovery	
	Overload Protection	Auto recovery	
Conformity & Standards			
	Safety standard:	EN 61347-1, EN 61347-2-13	
	Performance:	EN 62384	
	EMC standard:	EN55015,EN61547,EN61000-3-2,EN61000-3-3	
	DALI protocol standard:	IEC62386-102,IEC62386-207	

Cable information

PRI Connection

Cable cross-section 0.5-1.5□/AWG 20-16

Stripping 9mm

Sec Connection

Cable cross-section 0.5-1.5□/AWG 20-16

Stripping 9mm

DALI/Touch Dim Connection

Cable cross-section 0.5-1.5□/AWG 20-16

Stripping 9mm

Terminal information

PRI-Push button

SEC-Push button

DALI-Push button

* 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

Electrical Values



