

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	
	Maximum voltage	NA	2 h maximum.unit might not operate in this abnormal condition
	Nominal current	160mA	Full load @230VAC
	Total Harmonic Distortion (THD)	< 10%	Full load @230VAC
	Power 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	< 0.3W	
	Protection class	I	Suitable for class I and II luminaires
Inrush current	25A / 10us		
Earth leakage current	NA		
Output	Nominal voltage	24Vdc	
	Maximum voltage	25Vdc	No load protection
	voltage accuracy	± 2.5%	Full load @230VAC
	Output LF voltage ripple	±5%	
	SVM	≤ 0.4	Full load @230VAC
	P _{stLM}	≤ 1	Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range	2.4-30W	Load 8%~100%
	Nominal current range	100-1250mA	
	Maximum current	1250mA	
	Maximum power	30W	
Dimming	Dimming control	DALI/Touch Dim	
	Dimming technique	PWM	
	PWM frequency	1KHz	
	Dimming range	1-100%	
	Lowest dimming current	0.5%-2%	
Galvanic isolation	Basic insulated to PRI and double insulated to SEC		

	Item	Value	Remark
Environment	Ambient temperature range t _a	-20°C - +50°C	
	Maximum case temperature t _c	80°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% - 95%	
	Surge transient protection	1 kV,2 kV	L/N , L-PE/N-PE
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	>100,000	
	Expected lifetime	> 50,000 h, t _c 80 °C @ t _a 50 °C > 100000 h, t _c 70 °C @ t _a 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate
Packing	Gross weight/box	12.4 kg	
	Net weight/box	11.2 kg	
	Pcs/box	56 PCS	
	Dimension/box	385(L)*310(W)*260(H)mm	

Protections

Short 、 Open circuit 、 Auto overheat regulation & Overload protection

Conformity & Standards

Safety standard:	EN 61347-1, EN 61347-2-13, EN 62493
Performance:	EN 62384
SAA standard:	NS/NZS 61347.1, AS/NZS IEC 61347.2.13
EMC standard:	EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61547
DALI protocol standard:	EN 62386-101, EN 62386-102, EN 62386-207

Cable information

PRI

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	9mm

SEC

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	9mm

DALI

Cable cross-section	0.5-1.5□/AWG 20-16
Stripping	9mm

Terminal information

PRI-Push button/Angled Entry

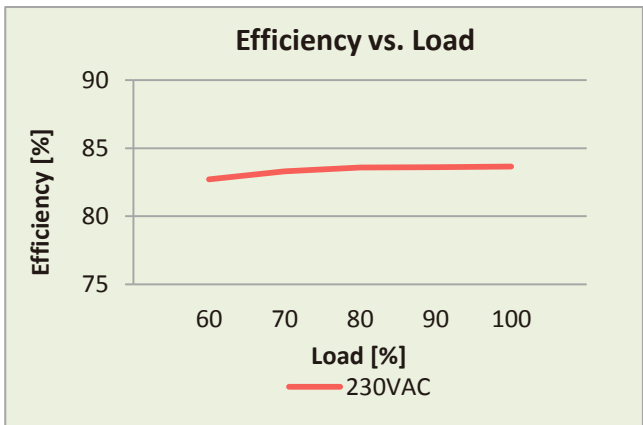
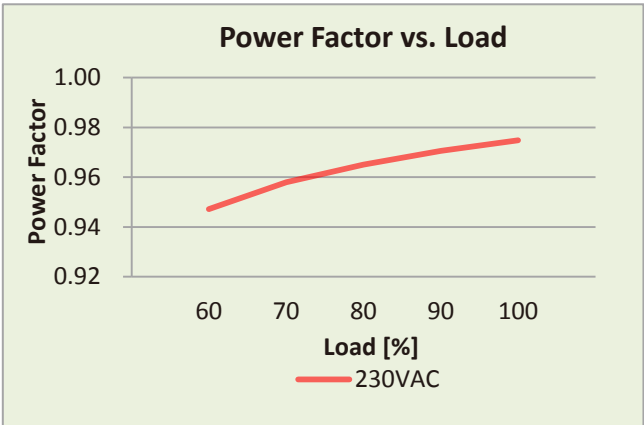
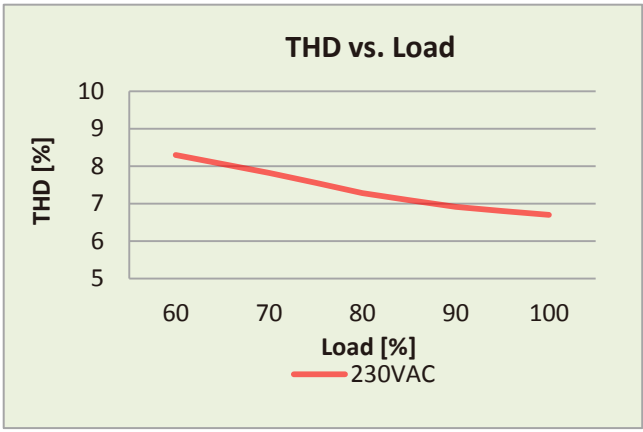
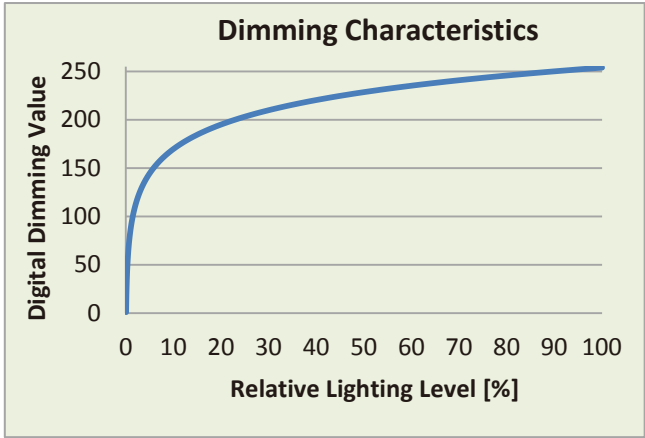
SEC-Push button/Angled Entry

DALI-Push button/Angled Entry

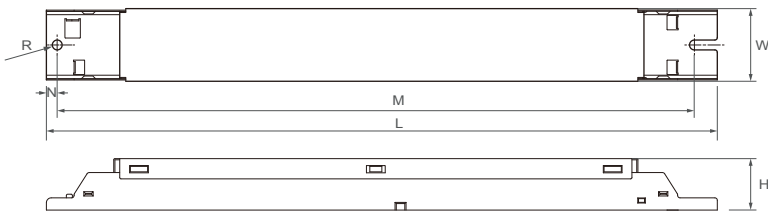
* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

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

Electrical Values



Physical Parameter



L : 279 mm H : 21.4 mm R : 2 mm
 W : 30.2 mm M : 265 mm N : 4.5 mm

Slot On One Side Allowing Alignment : $M \pm 3$ mm

Tolerance : ± 1 mm , R : ± 0.5 mm

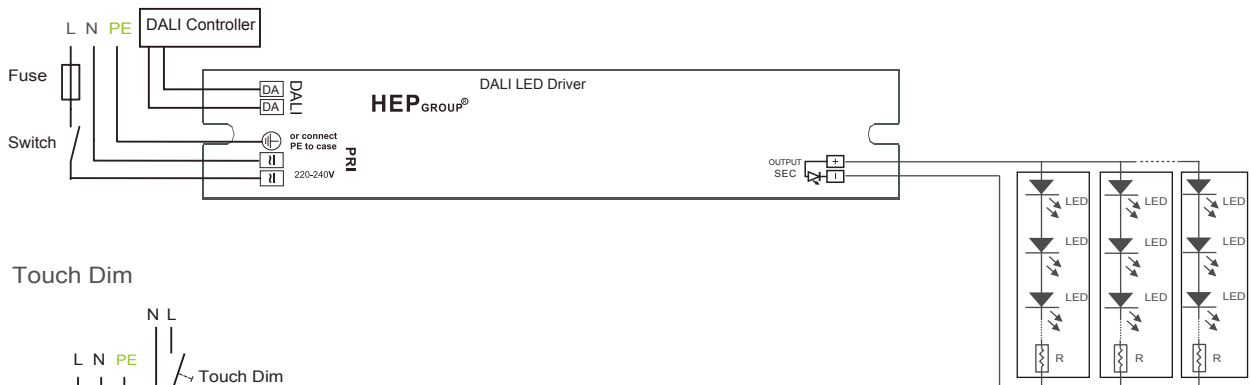
Housing Material : Metal, No Sharp Edges

Soldering : Lead - Free, Comply With RoHS

Label : Surface Print

Wiring Diagram

DALI



Touch Dim

