



Item	Value	Remark
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	50mA	Full load @230VAC
Total Harmonic Distortion (THD)	< 15%	Full load @230VAC
Power factor	0.9C	Full load @230VAC
Displacement factor	0.9C	Full load @230VAC
Efficiency	80%(Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	II	Suitable for class II luminaires
Inrush current	4.7 A / 30 μs	Full load @230VAC
Max.units per circuit breaker	Type B , 10A MCB	80
	Type B , 16A MCB	128
	Type C , 10A MCB	100
	Type C , 16A MCB	160
Earth leakage current	NA	
Nominal voltage range	25-40V <sub>dc</sub>	
Maximum voltage	55V <sub>dc</sub>	
Nominal current range	200mA	
Current accuracy	± 5%	
Output	Typical output LF current ripple	± 5% Full load @230VAC Low Frequency<120Hz
	Starting time	< 0.5 S Full load @230VAC
	SVM	≤ 0.4 Full load @230VAC
	PstLM	≤ 1 Full load @230VAC
	Nominal power range	5-8W
	Maximum power	8W

	Item	Value	Remark
	Ambient temperature range $t_a$	-20°C - +50°C	
	Maximum case temperature $t_c$	75°C	
<b>Environment</b>	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	-25°C - +80°C	
	Relative humidity	10% - 85%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 10,000	
	Expected lifetime	> 50,000 h, $t_c$ 75 °C @ $t_a$ 50 °C > 100000 h, $t_c$ 65 °C @ $t_a$ 40 °C	0.2 % / 1,000 h failure rate 0.1 % / 1,000 h failure rate

<b>Packing</b>	Gross weight/box	11.7 kg	
	Net weight/box	10.5 kg	
	Pcs/box	175 PCS	
	Dimension/box	490(L)*270(W)*225(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
SAA standard:	AS/NZS 61347.1, AS/NZS IEC 61347.2.13
EMC standard:	EN55015, EN61000-3-2, EN61000-3-3, EN61547
Performance:	EN62384

#### Cable information

##### PRI Connection

Cable cross-section	0.75-1.5□/AWG 18-16
Stripping	9mm
Pull test cable type	H03VV(H2)-F 2x0,75-1,0 mm <sup>2</sup> ,H05VV(H2)-F 2x0,75 mm <sup>2</sup>

##### SEC Connection

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

#### Terminal information

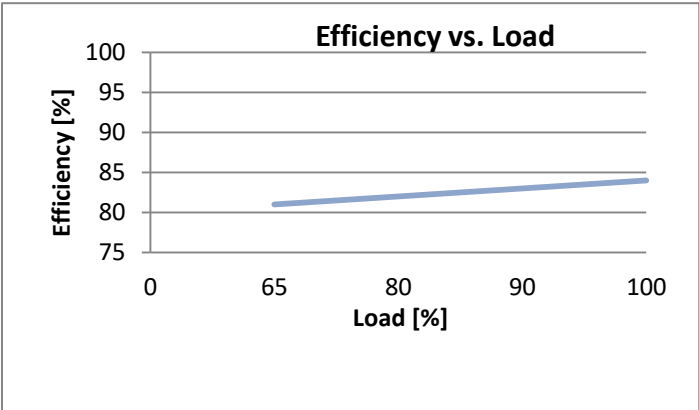
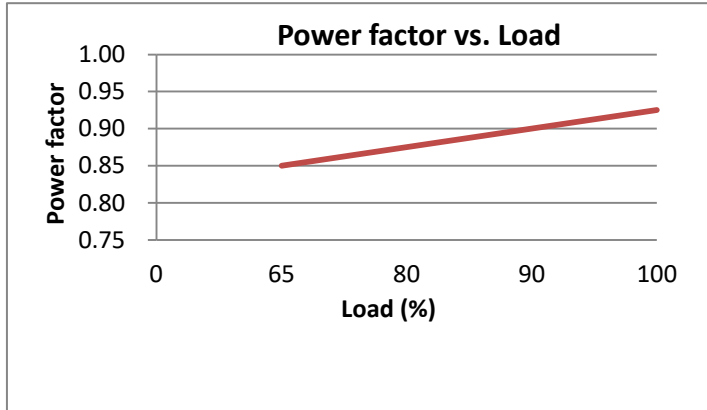
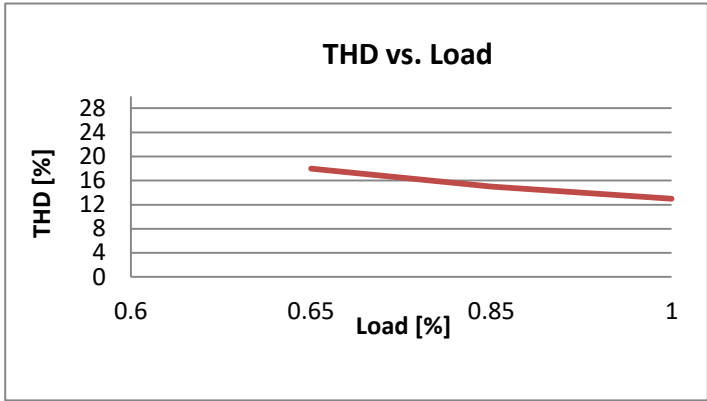
##### PRI Push button/Angled Entry

##### SEC Push button/Angled Entry

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

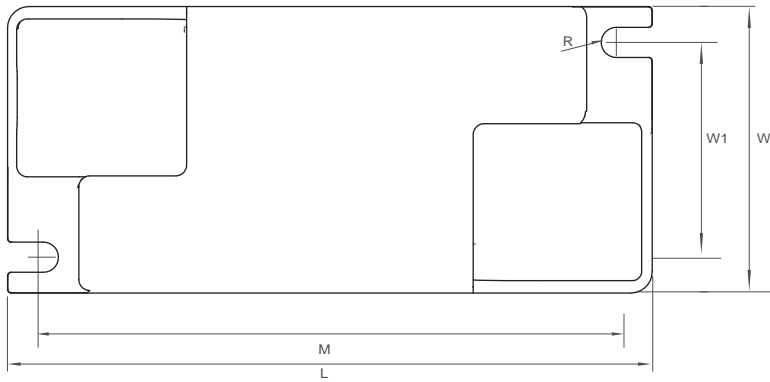
\* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

**Electrical Values**



## Physical

### Parameter



L : 90 mm    W : 40 mm    H : 22 mm  
M : 80 mm    W1: 30 mm    R : 2.1 mm

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

Tolerance :  $\pm 1$  mm , R :  $\pm 0.5$  mm

Housing Material : Polycarbonate

Soldering : Lead-Free, Comply With RoHS

Label : Surface Print



## Wiring Diagram

