

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		
LNTC15W200LR	50mA	
LNTC15W250LR	65mA	
LNTC15W300LR	75mA	
LNTC15W350LR	90mA	
Total Harmonic Distortion (THD)	< 20%	Full load @230VAC
Power factor		Full load @230VAC
LNC15W200/250LR	0.86C-0.95	
LNC15W300/350LR	0.9C-0.95	
Displacement factor		Full load @230VAC
LNC15W200/250LR	0.86C-0.95	
LNC15W300/350LR	0.9C-0.95	
Efficiency		
LNTC15W200LR	81% (Typ.)	Full load @230VAC
LNTC15W250/300/350LR	82% (Typ.)	Full load @230VAC
No-load power	NA	
Stand-by power	NA	
Protection class	NA	
Inrush current	6.5 A / 40 μs	
Max.units per circuit breaker	Type B , 10A MCB	44
	Type B , 16A MCB	71
	Type C , 10A MCB	56
	Type C , 16A MCB	89
Earth leakage current	NA	
Nominal voltage range	30-40Vdc	
Maximum voltage	50Vdc	
Nominal current range		
LNTC15W200LR	200mA	
LNTC15W250LR	250mA	

	Item	Value	Remark
	LNTC15W300LR	300mA	
	LNTC15W350LR	350mA	
	Current accuracy		Full load @230VAC
Output	LNTC15W200LR	± 10%	
	LNTC15W250/300LR	± 6%	
	LNTC15W350LR	± 5%	
	Typical output LF current ripple	± 5%	Low Frequency<120Hz Full load @230VAC
	SVM	≤ 0.4	Full load @230VAC
	PstLM	≤ 1	Full load @230VAC
	Starting time	< 0.5 S	Full load @230VAC
	Nominal power range		
	LNTC15W200LR	6-8W	
	LNTC15W250LR	7.5-10W	
LNTC15W300LR	9-12W		
LNTC15W350LR	10.5-14W		
Maximum power	15W		
Dimming	Dimming control	Trailing Edge	
	Dimming technique	Amplitude	
	PWM frequency	NA	
	Dimming range	10-100%	
	Lowest dimming current	NA	
	Galvanic isolation	NA	
Environment	Ambient temperature range t_a	-20°C - +50°C	
	Maximum case temperature t_c	65°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	-25°C - +85°C	
	Relative humidity	10% - 85%	
	Surge transient protection	1 kV	L/N
	Environmental rating	Indoor	
	IP rating	IP20	
	Mains switching cycles	> 100,000	
	Expected lifetime	Full load > 50,000 h, t_c 65 °C @ t_a 50 °C	0.2 % / 1,000 h failure rate
Packing	Gross weight/Carton	9.1 kg	
	Net weight/Carton	8 kg	potting
	Pcs/Carton	72 PCS	
	Dimension/Carton	415(L)*255(W)*240(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		
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	AWG18	AWG18
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	140mm	140mm
Strip length	6mm	6mm
Tolerance	±5mm	±5mm

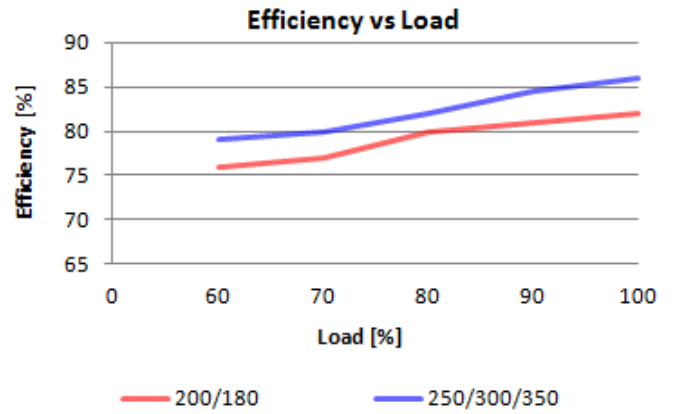
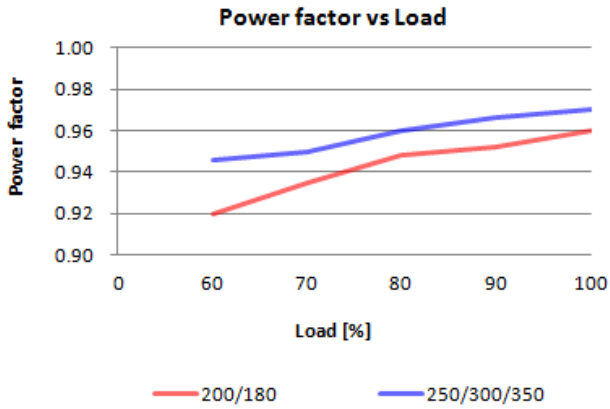
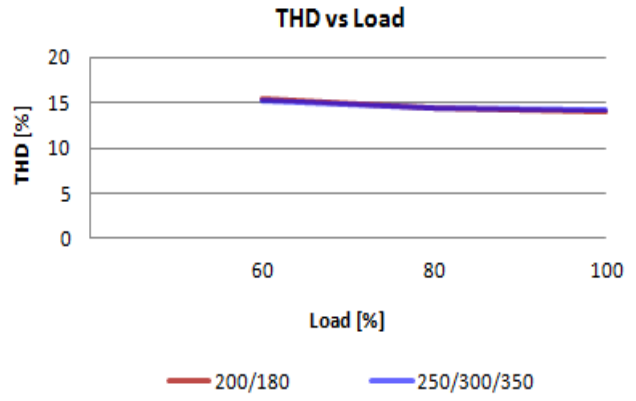
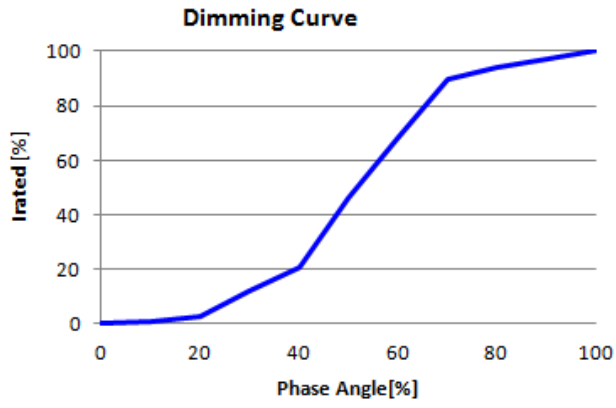
* If not mentioned, all the test conditions are based on full load at 230VAC input (for 220-240 VAC input).

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

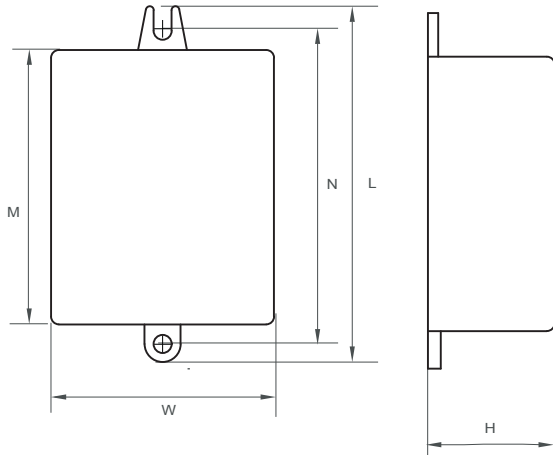
Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallel connection	Min.load(W)
CLIPSAL	32E450TM	10	10W
Berker	2874	10	20W
Busch	6513U-102	10	40W
Busch	6519U	10	40W
ETMAN	321P	10	25W
Busch	6523 UR-103	10	10W
Busch	6523 U-102	5	2W
Niko	310-0190X	10	5W
JUNG	LB-Management	5	20W
Merten	SBD200LED(MEG5134-0000)	10	4W

Electrical Values



**Physical
Parameter**



L : 78.3 mm W: 43.5 mm
M : 63 mm H : 26 mm
N : 71 mm

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

Housing Material : Polycarbonate
Soldering : Lead-Free, Comply With RoHS
Label : Surface Print

Wiring Diagram

