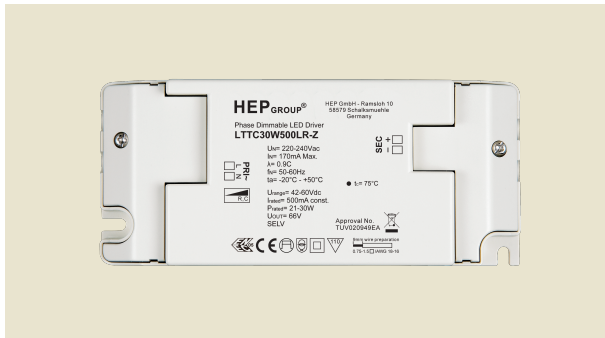


Triac Dimming low output ripple LED Driver



Approval Marks



Australia Certificate No. : TUV020949E

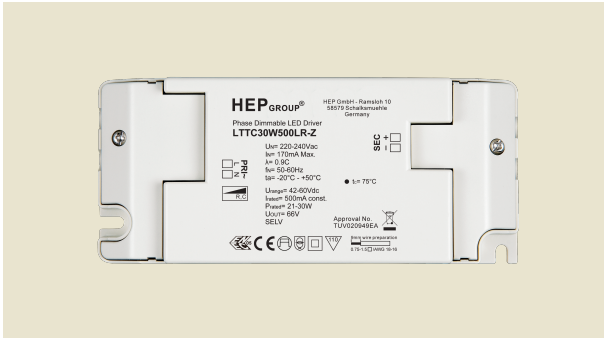
Certified

- EN 61347-1:2015
- EN 61347-2-13:2014
- EN 61347-2-13:2014/A1:2017
- EN 62384:2006
- EN 62384:2006/A1:2009

Electronic

Parameter	Conditions	Min	Nom	Max	Unit
I/P Voltage Range		198	220-240	264	Vac
Input Frequency		47	50-60	63	Hz
Input Current	Full load @230Vac	-	-	170	mA
Output Voltage Range	LTTC30W500LR-Z	42	-	60	Vdc
	LTTC30W600LR-Z	33	-	50	Vdc
	LTTC30W700LR-Z	30	-	42	Vdc
	LTTC30W800LR-Z	24	-	36	Vdc
Output Current Range	LTTC30W500LR-Z	475	500	525	mA
	LTTC30W600LR-Z	570	600	630	mA
	LTTC30W700LR-Z	665	700	735	mA
	LTTC30W800LR-Z	760	800	840	mA
Rated Output Power	LTTC30W500LR-Z	21	-	30	W
	LTTC30W600LR-Z	19.8	-	30	W
	LTTC30W700LR-Z	21	-	29.4	W
	LTTC30W800LR-Z	19.2	-	28.8	W
Open-circuit Voltage	LTTC30W500/600LR-Z	-	66	-	Vdc
	LTTC30W700/800LR-Z	-	52	-	Vdc
THD		-	20	30	%
Efficiency	Full Load	84	-	-	%
Standby Power	No load @230Vac	-	-	0.5	W
Rise Time		-	-	500	ms
Start-up Delay		-	-	500	ms
Surge	IEC6100-4-5, Full Load@230V	L/N ,1KV ; L/N-PE , 2KV			
Output Current Overshoot		-	-	5	%
Typical output LF current ripple	Full Load	-	±4.5	-	%
Power Factor	Full Load@230VAC	0.9C	-	-	-
Protection	Short Circuit Protection	Auto recovery			
	Open circuit Protection	Max output voltage at no load			
	Over-Load Protection	Auto recovery			
Case Temperature(Tc)		-	-	+75	°C
External Operating Temperature		-20	-	+50	°C
Operating Humidity Range		10	-	95	%
Storage Temp. Range		-40	-	+85	°C
Lifetime	at Max Case hot spot Temperature	-	50,000	-	hrs
Dimming Range		10	-	100	%
Dimming Type		Triac dimming			
Case Dimensions	LxWxH	153	67	30.5	mm

Triac Dimming low output ripple LED Driver



Approval Marks

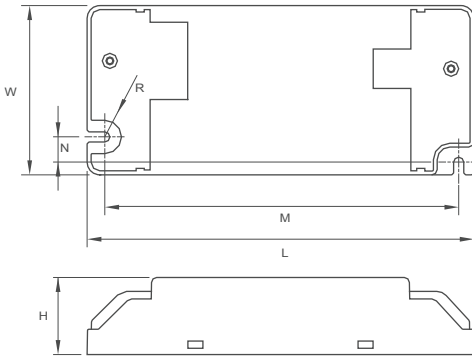


Australia Certificate No. : TUV020949E

Certified

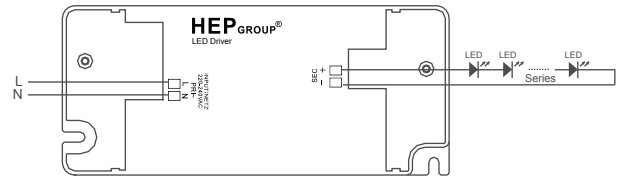
- EN 61347-1:2015
- EN 61347-2-13:2014
- EN 61347-2-13:2014/A1:2017
- EN 62384:2006
- EN 62384:2006/A1:2009

Physical Parameter



- L : 153 mm H : 30.5 mm
- M : 140 mm R : 2 mm
- N : 12 mm
- W : 67 mm Slot On One Side Allowing Alignment : M+/-3 mm
- Tolerance : $\geq 0 \sim 100 \geq +/0.5\text{mm}$
 $100 \geq +/1 \text{ mm}$
- Terminal Block : PRI : Push-Button
SEC : Push-Button
- Housing Material : Polycarbonate
- Soldering : Lead-Free, Comply With RoHS
- Label : Surface Print
- Cable Cross Section : PRI: 0.75-1.5mm² / AWG 18-16
SEC: 0.75-1.5mm² / AWG 18-16
- Stripping : 9mm

Wiring Diagram



Trailing Edge Dimmer list approved by HEP

Manufacturer	Model	Q'ty of parallel connection
Schneider	SBD315RC(315W)	7
CLIPSAL	32E450UDM(450W)	10
CLIPSAL	32E450TM(450W)	10
HPM	CAT400T(400W)	9
Berker	2874(525W)	12
Busch	6513U-102(420W)	9
Busch	6519U(550W)	12
JUNG	225 TDE(525W)	12
Hager	WUD42(500W)	11
KAOYI	KED-400A(400W)	9