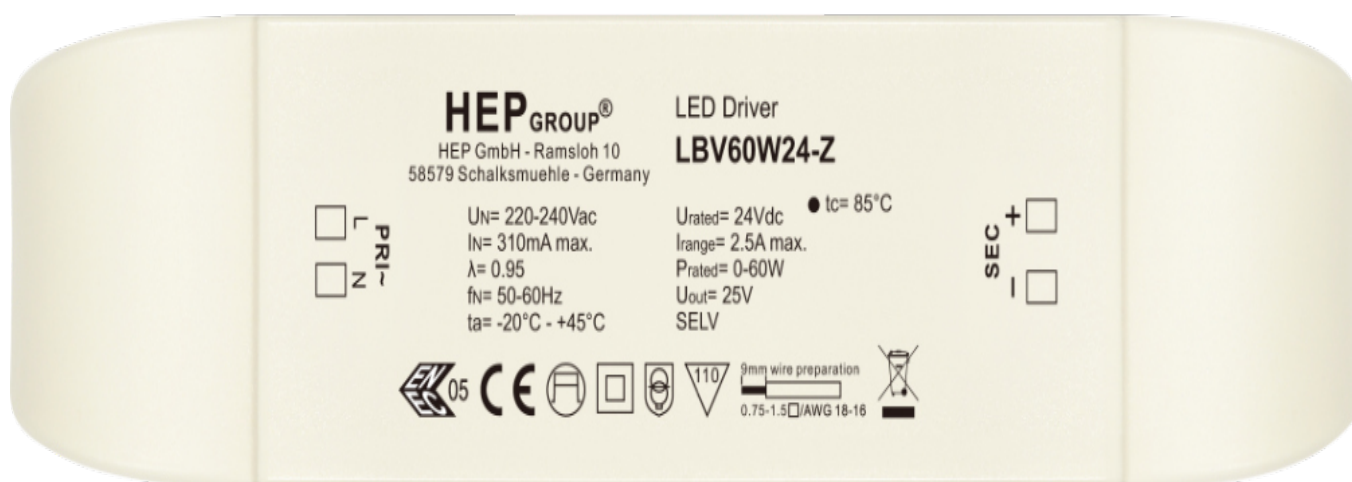


Tension constante - non variateur



L'image peut être différente

- Sortie DC avec tension constante de 24.
- Convient aux luminaires de classe II.
- Durée de vie moyenne de 50h.
- Garantie 5 ans.

Protection

- Protection contre les courts-circuits et les circuits ouverts.
- Régulation ou coupure automatique en cas de surchauffe.
- Protection contre les surcharges.
- SELV.

Tension constante - non variateur

Main technical data

Rated supply voltage	220–240 V	Operating ambient temp.	-20 – +45 °C
AC voltage range	198–264 V	Max. case temp. in fault condition	110 °C
Mains frequency	50–60 Hz	Operating humidity	10–95 %
Input current	310 mA	Storage temperature range	-40 – +85 °C
THD ¹	< 12 %	Max. number of switching cycles	> 100.000
Efficiency ¹	88 %	Type of protection	IP20
Power factor ¹	0.95	Environmental rating	Indoor
Start delay	< 0.5 s	Surge transient protection	1.0 kV (L–N)
Protection class	II	Dimension (L x W x H) ¹	180 x 45 x 27 mm
Inrush current	30 A / 250 µs		
Output voltage tolerance	± 2.5 %		
Out. voltage LF ripple	± 3 %		
Output P _{st} ^{LM}	≤ 1		
Output SVM	≤ 0.4		

Product technical data

Type	Output voltage	Output power	Output current	No load voltage	Power consumption	Current consumption	Max. case temp. (tc)
LBV60W24-Z	24 Vdc	0–60 W	2.5 A max.	25 Vdc	67.9 W	309.5 mA	85 °C

All data for U_{mains} = 230Vac

¹ See diagrams below

Tension constante - non variateur

Standards / Conformity

Safety	Performance	EMC	ECO-Design	RoHS
EN 61347-1 EN 61347-2-13 EN 62493	EN 62384	EN 55015 EN 61000-3-2 EN 61000-3-3 EN 61547	EN 62442-3	EN IEC 63000

Lifetime

Type	ta	35 °C	45 °C
LBV60W24-Z	tc	75 °C	85 °C
	Lifetime	100.000 h	50.000 h

According to the nominal operating conditions listed in the datasheet and a failure rate of less 10 %.

Miniature circuit breaker

Type	B10	B13	B16	B20	C10	C13	C16	C20	Inrush current
LBV60Wxx-Z	11	14	17	22	18	23	29	36	30 A / 250 µs

Insulation

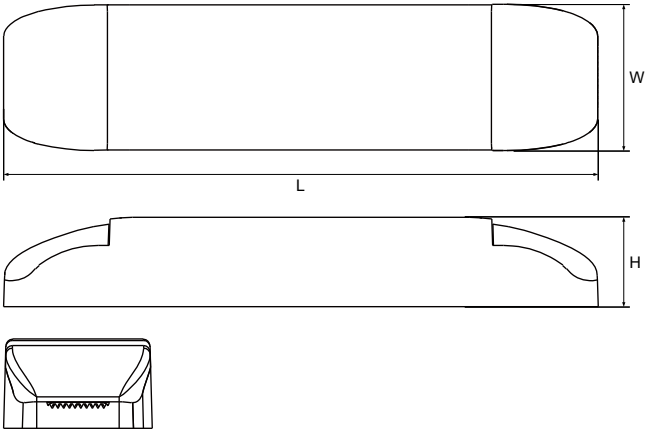
	Mains	LED Output	Case
Mains Netz	–	Double / reinforced Doppelt / verstärkt	Reinforced
LED Output	Double / reinforced	–	Reinforced
Case	Reinforced	Reinforced	–

Ordering information

Type	Packing unit carton	Gross weigh carton	Net weight carton	Dimension carton L x W x H
LBV60W24-Z	25 pcs / Stk.	7.0 kg	6.2 kg	240 x 190 x 185 mm

Tension constante - non variateur

Physical Parameter

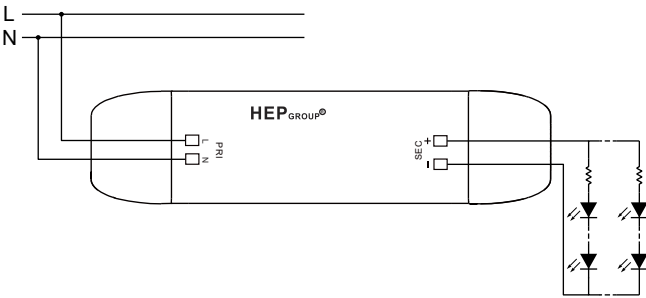


L:	180.0 mm	H:	27.0 mm	Tolerance:	
W:	45.0 mm			0~100	± 0.5 mm
				100~	± 1 mm
Housing material:	Polycarbonate				
Soldering:	Lead-free, comply with RoHS				
Label:	Surface print				
Weight:	248 g				

Terminal Block

	Type	Cable cross section	Stripping
PRI	Screwless terminal	0.75–1.5 mm ²	9 mm
SEC		0.75–1.5 mm ²	9 mm

Wiring diagram



Hot plug-in or secondary switching is not permitted!

The maximum secondary wire length is 2 m.

Constant voltage - non dimmable

Operating Parameter

— 24 Vdc
— 48 Vdc

100% Load correspond to the values in the table on page 2.

