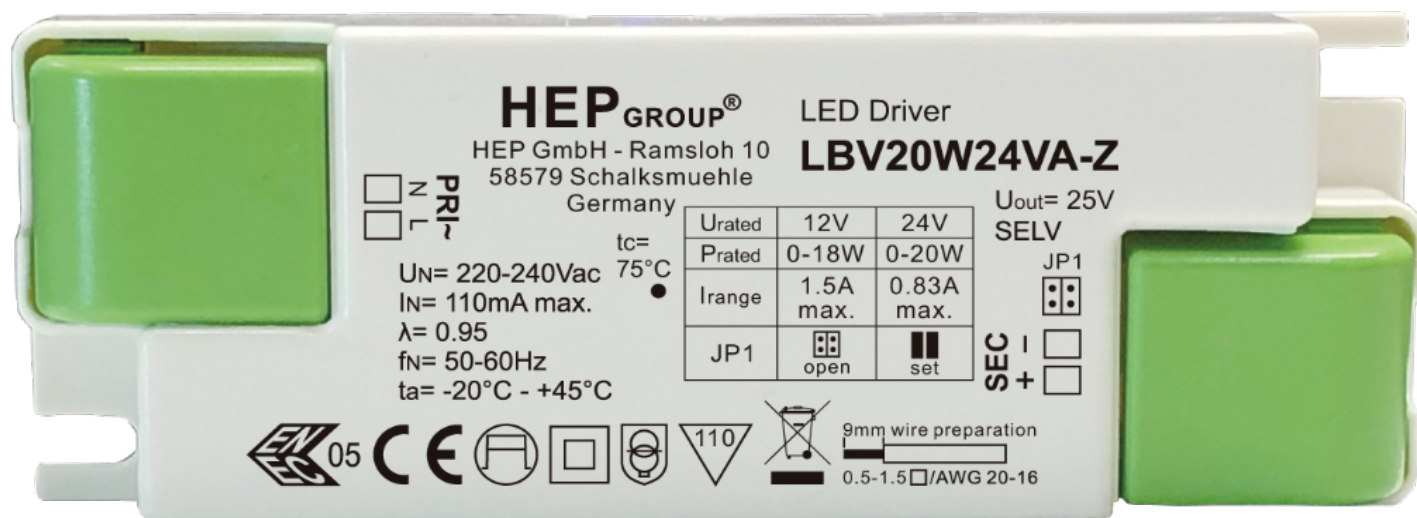


Tension constante - non variable



L'image peut être différente

Description

Sortie DC avec tension constante
Tension de sortie réglable de 24 V par Jumper.
Convient aux luminaires de classe II
Durée de vie moyenne 50.000 h
5 ans de garantie

Protection

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

Constant voltage - non dimmable

Main technical data

Rated supply voltage	220–240 V	Operating ambient temp.	-20 – +45 °C
AC voltage range	198–264 V	Max. case temp. (tc)	75 °C
Mains frequency	50–60 Hz	Max. case temp. in fault condition	110 °C
Input current	110 mA	Operating humidity	10–85 %
THD ¹	< 10 %	Storage temperature range	-25 – +85 °C
Power factor ¹	0.95	Max. number of switching cycles	> 100.000
Start delay	< 0.5 s	Type of protection	IP20
Protection class	II	Environmental rating	Indoor
Inrush current	7 A / 23 µs	Surge transient protection	1.0 kV (L–N)
Output voltage tolerance	± 5 %	Dimension (L x W x H) ¹	115 x 41 x 25 mm
Out. voltage LF ripple ²	± 5 %		
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	Efficiency ¹
LBV20W24VA-Z	12 Vdc	0–18 W	1500 mA max.	13 Vdc	22.5 W	103.0 mA	80 %
	24 Vdc	0–20 W	833 mA max.	25 Vdc	23.5 W	107.7 mA	85 %

All data for U_{mains} = 230Vac

¹ See diagrams below

² < 120 Hz

Constant voltage - non dimmable

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
LBV20W24VA-Z	tc	65 °C	75 °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
LBV20W24VA-Z	28	37	46	57	28	37	46	57	7 A / 23 µs

Insulation

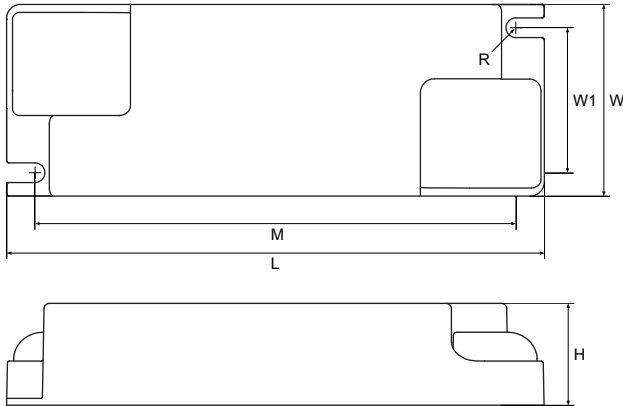
	Mains	LED Output	Case
Mains Netz	–	Double / reinforced	Reinforced
LED Output	Double / reinforced	–	Reinforced
Case	Reinforced	Reinforced	–

Ordering information

Type	Packing unit carton	Gross weigh carton	Net weight carton	Dimension carton L x W x H
LBV20W24VA-Z	132 pcs / Stk.	18.3 kg	17.2 kg	490 x 270 x 225 mm

Constant voltage - non dimmable

Physical Parameter



L:	115.0 mm	H:	25.0 mm	Tolerance:	
W:	41.0 mm	M:	102.8 mm	0~100	± 0.5 mm
W1:	31.0 mm	R:	2.1 mm	100~	± 1 mm

Housing material: Polycarbonate

Soldering: Lead-free, comply with RoHS

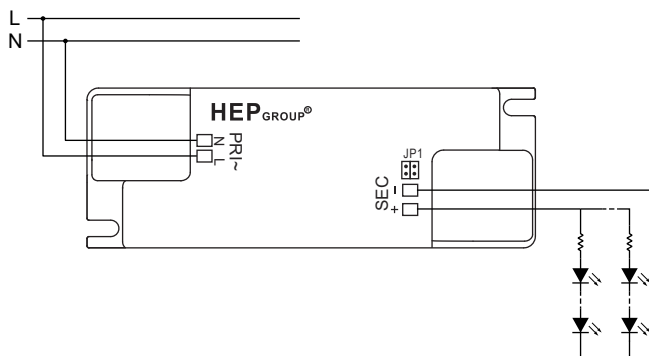
Label: Surface print

Weight: 79.9 g

Terminal Block

	Type	Cable cross section	Stripping
PRI	Screwless terminal	0.5~1.5 mm ²	9 mm
SEC		0.5~1.5 mm ²	9 mm

Wiring diagram



Hot plug-in or secondary switching is not permitted!

The maximum secondary wire length is 2 m.

Jumper setting



The Jumper is under the secondary strain relief.



Output voltage	Jumper JP1	
	1	2
12 Vdc	-	-
24 Vdc	SET	SET

Constant voltage - non dimmable

Operating Parameter

— 12 Vdc
— 24 Vdc

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

