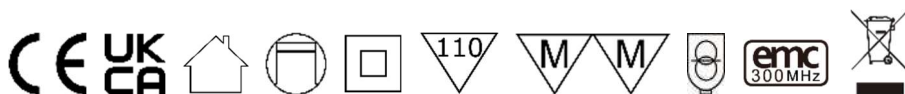


LED power supply with adjustable output current
60 W max., IP20, independent installation
dimmable with DALI-2, PUSH (pri.)
Flicker-free according to IEEE 1789



Exploded view



Electrical data

Rated input voltage	220...240 Vac	
Range of input voltage	198...264 Vac	
Range of input voltage (DC)	200...240 Vdc	
Mains frequency	50/60 Hz	
Power factor (λ)	0.95	Full Load, 230 Vac
Input current	0.32 A max.	
Inrush current	16 A	100 μ s, 230 Vac
Leakage current	< 0.5 mA	240 Vac
Output voltage	9...71 Vdc	
Output options	350 mA, 9-71 Vdc, 3-25 W 500 mA, 9-71 Vdc, 4.5-36 W 550 mA, 9-71 Vdc, 5-40 W 650 mA, 9-71 Vdc, 5.8-46 W 700 mA, 9-71 Vdc, 6.3-50 W 750 mA, 9-71 Vdc, 6.7-54 W 850 mA, 9-70 Vdc, 7.6-60 W 900 mA, 9-66 Vdc, 8.1-60 W 1000 mA, 9-60 Vdc, 9-60 W 1050 mA, 9-57 Vdc, 9.4-60 W	
Output power (nominal)	60 W max.	
Efficiency	86 % max.	Full Load, 230 Vac
Life time	5 Jahre	Full Load, 230 Vac
Dimming	DALI-2 PUSH (primary) (max. lead length: 20M)	

Operating condition

Operating temperature range (t_a)	-25...+50 °C
Max. Surface temperature (t_c)	85 °C
Permitted rel. Humidity	10...95 %
Protection class	II
Type of protection	IP20

Protection

Short circuit protection	Yes *
Overheating protection	Yes *
Overvoltage protection	Yes *

(*) The output shuts off and will be resumed, after problem is removed and led driver is restarted.

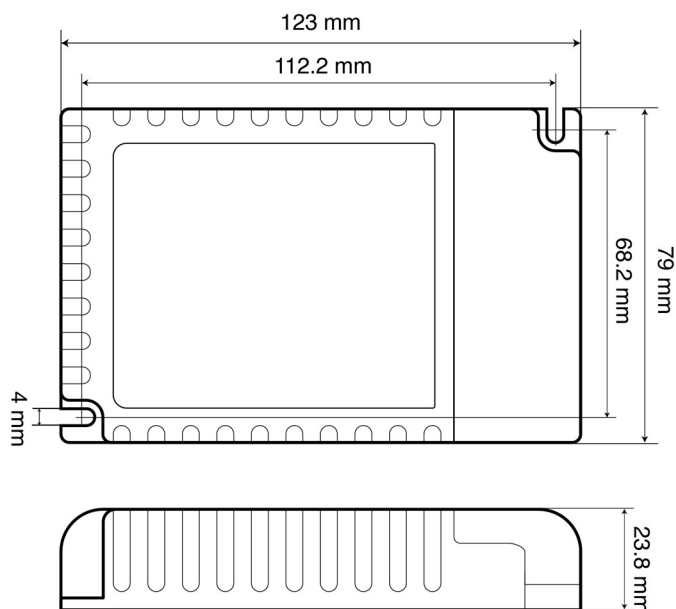
Standards & Certificates

Standards	EN 61347-1, EN 61347-2-13 EN 61000-3-2, EN 61000-3-3 EN 55015, EN 61547
Standarts(DALI)	IEC62386-102, IEC62386-207 DT6
Approval marks	CE, UKCA
RoHS compliant	Yes

Installation

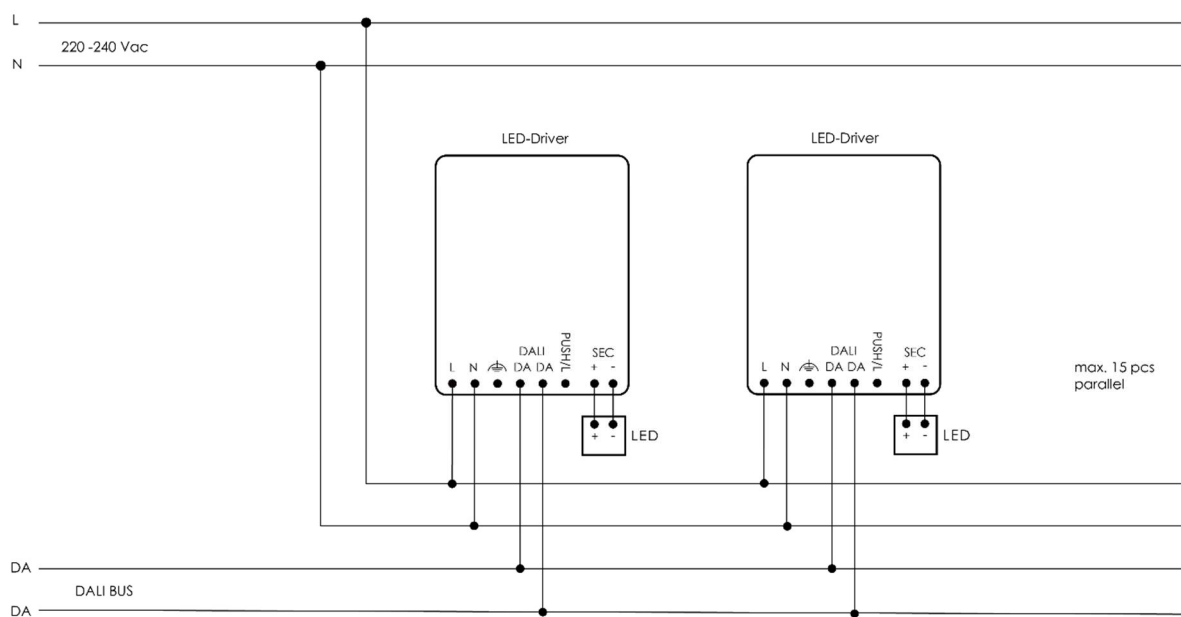
Type of installation	Independent installation	
Type of connection	Spring-loaded terminal	
Cable cross-section, input side	0.75...1.5 mm ²	
Cable cross-section, output side	0.75...1.5 mm ²	
Cable preparation length, input side	6...8 mm	
Cable preparation length, output side	6...8 mm	
Circuit breaker (230V)	10A Typ B: 15 pc. 13A Typ B: 20 pc. 16A Typ B: 25 pc. 20A Typ B: 28 pc. 25A Typ B: 30 pc.	10A Typ C: 25 pc. 13A Typ C: 30 pc. 16A Typ C: 40 pc. 20A Typ C: 50 pc. 25A Typ C: 70 pc.

Dimension



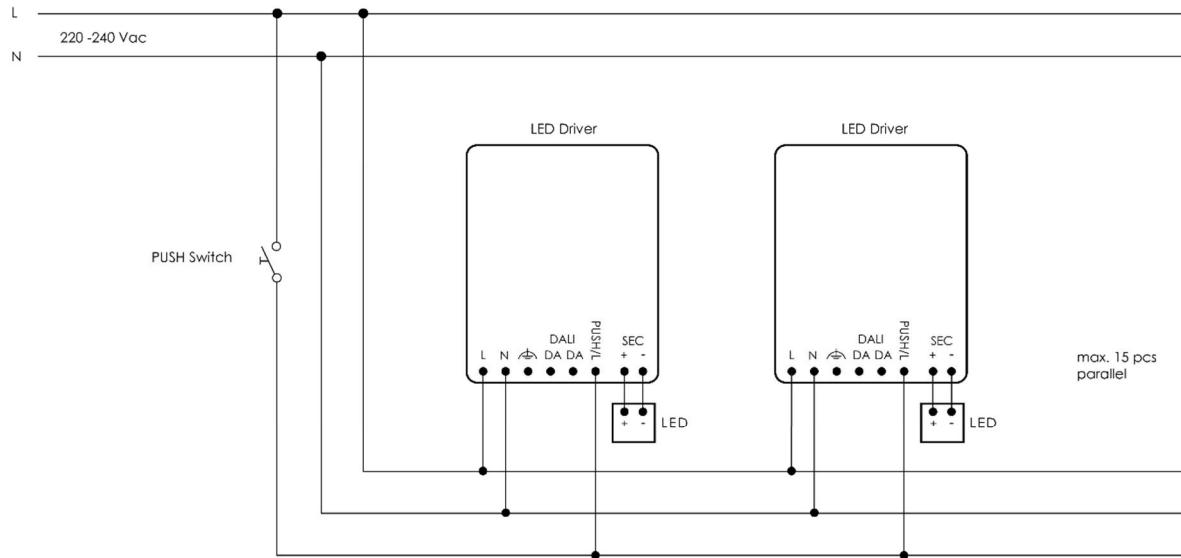
Connection

DALI Dimming



For lamps with "protection class I", a protective lead to earth (⏏) is required.
 For lamps with "protection class II", a protective lead to earth (⏏) is optional.
 For lamps with "protection class III", a protective lead to earth (⏏) is not required.

PUSH(pri.) Dimming



For lamps with "protection class I", a protective lead to earth (⏏) is required.
For lamps with "protection class II", a protective lead to earth (⏏) is optional.
For lamps with "protection class III", a protective lead to earth (⏏) is not required.

Control via PUSH Button

Action	Duration	Status	Function
Short press once	< 0.5 s	LED on	Turn off LED
		LED off	Turn on LED with latest brightness setting
Long press and hold	0.5-14 s	LED on	Dim the brightness up / down. Each new long press changes the dimming direction.
	> 15 s	LED on	Synchronize all LED-Drivers with 100% brightness*
	> 0.5 s	LED off	Turn on and synchronize all LED-Drivers with 5% brightness*

* In case of parallel connection with multiple LED power supplies using single PUSH button

Safety Notice



Dangerous currents flow through the body when coming into direct or indirect contact with live components. This can result in electric shock, burns or even death. Work improperly carried out on current-carrying parts can cause fires.

- Disconnect the mains power supply prior to installation and/or disassembly!
- Permit work on the 230 V supply system to be performed only by specialist staff.