



LED-драйверы серии LDD-LDB

Технические характеристики



По вопросам продаж и поддержки обращайтесь:

Архангельск (8182)63-90-72
Астана +7(7172)727-132
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Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

LDD-L series

DC-DC LED Driver

Features

- Constant current step-down mode
- Wide input and output voltage range
- High efficiency up to 95%
- Comply with EN55015 / FCC part 15 without additional input filter and capacitors
- Compact size
- Protections: Short circuit / Over temperature (LDD-300~700)
- Fully enclosed plastic case (UL 94V-0)
- Low cost, high reliability
- 3 years warranty

LDD-300~700L/LW/LS



LDD-1000~1500L/LW/LS



Output current accuracy (Typ.)		±5% at 24VDC input	
PWM dimming & ON/OFF control	Remote ON/OFF	Leave open if not used - Power ON with dimming: DIM ~ -Vin >3.5~8VDC or open circuit - Power OFF: DIM ~ -Vin <0.5VDC or short	- Power ON with dimming: DIM ~ -Vin >2.6~5.5VDC or open circuit - Power OFF: DIM ~ -Vin <0.4VDC or short
	PWM frequency	100~1000Hz	100~500Hz
Analog dimming & ON/OFF control	Remote ON/OFF	None	Leave open if not used - Power ON with dimming: DIM ~ -Vin >0.5~2.5VDC or open circuit - Power OFF: DIM ~ -Vin <0.4VDC or short
Short circuit protection		Regulated at rated output current; can be continued, auto-recovery	
Over temp. protection		Shut down, auto-recovery	None
Working temperature		-40~+85°C	-40~+71°C
EMC standards		EN55015, EN61547, EN61000-4-2,3,4,6,8, FCC part 15 class B	
Operating case temp. (max.)		100°C	
Dimension (LxWxH)(mm)		L/LW: 22.6x 9.9x 8.9 LS: 25.4x 10.5x 9.3	L/LW: 31.8x 20.3x 12.2 LS: 31.8x 20.3x 10.9

LDD-L Series



Model No.	Input (VDC)	Output		Io Tol.	Effi.	Dimming
		Voltage (VDC)	Current (mA)			
LDD-300L □	9~36 (9~32 for S style)	2~32 (2~28 for S style)	300	±5%	95%	PWM
LDD-350L □			350			
LDD-500L □			500			
LDD-600L □			600			
LDD-700L □			700			
LDD-1000L □	6~36	2~30	1000			PWM+Analog
LDD-1200L □			1200			
LDD-1500L □			1500			

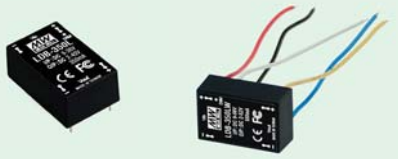
□ = Blank, W, S ; Blank: pin style, W: Wire style, S: SMD style

LDD-H&LDB-L series

DC-DC LED Driver

► Features

- Constant current step-down mode (LDD-H) ;
Constant current buck-boost mode (LDB-L)
- Wide input and output voltage range
- High efficiency up to 97%
- Comply with EN55015 and FCC part 15
without additional input filter and capacitors
- PWM dimming and remote ON/OFF control
- Protections: Short circuit / Over temperature
- Fully enclosed plastic case (UL 94V-0)
- 3 years warranty

		LDD-H/HW/HS	LDB-L/LW
			
Output current accuracy		±3% at 24VDC input; ±4% at 48VDC input for LDD-H/HW; ±5% at 48VDC input for LDD-HS	±5%
PWM dimming & ON/OFF control	Remote ON/OFF	Leave open if not used ▪ Power ON with dimming: DIM ~ -Vin >2.5~6VDC or open circuit ▪ Power OFF: DIM ~ -Vin <0.8VDC or short	▪ Power ON with dimming: DIM ~ -Vin >2~5VDC or open circuit ▪ Power OFF: DIM ~ -Vin <0.1VDC or short
	PWM frequency	100~1KHz	1KHz
	Short circuit	Regulated at rated output current, can be continued, auto-recovery	
Over temperature protection		Shut down, recovers automatically after temperature goes down	
Working temperature		-40~+85°C (refer to output derating curve)	-40~+71°C (refer to output derating curve)
EMC standards		EN55015, EN61547, EN61000-4-2,3,4,6,8, FCC part 15 class B	
Operating case temp. (max.)		100°C	110°C
Dimension (LxWxH)(mm)		LDD-H/HW: 31.8x 20.3x 12.2 LDD-HS: 31.8x 20.3x 10.9	31.8x 20.3x 12.2

LDD-H Series



Model No.	Input (VDC)	Output		Io Tol.	Effi.
		Voltage (VDC)	Current (mA)		
LDD-300H□	9~56	2~52	300	±4%	97%
LDD-350H□	9~56	2~52	350	±4%	97%
LDD-500H□	9~56	2~52	500	±4%	97%
LDD-600H□	9~56	2~52	600	±4%	97%
LDD-700H□	9~56	2~52	700	±4%	97%
LDD-1000H□	9~56	2~52	1000	±4%	97%
NEW LDD-1200H△	9~52	2~46	1200	±5%	95%
NEW LDD-1500H△	9~52	2~46	1500	±5%	96%

LDB-L Series



Model No.	Input (VDC)	Output		Io Tol.	Effi.
		Voltage (VDC)	Current (mA)		
LDB-300L△	9~36	2~40	300	±5%	90%
LDB-350L△	9~36	2~40	350	±5%	90%
LDB-500L△	9~30	2~32	500	±5%	91%
LDB-600L△	9~28	2~30	600	±5%	91%

□ = Blank, W, S ; Blank: pin style, W: wire style, S: SMD style
△ = Blank, W ; Blank: pin style, W: wire style

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