NLDD&LDDS series DC/DC LED Drive

Features

- · Constant current step-down mode;
- · Wide input and output voltage range
- · High efficiency up to 96%
- Comply with BS EN55015 regulation 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)
- · Class III safety voltage application
- · 3 years warranty(NLDD-H)
- · 5 years warranty(LDDS-H)

NLDD-350~1400H/HW



LDDS-250~1000HW/HWB



Output current accuracy		±5% at 48VDC input (Typical)	±5% at 48VDC input (Typical)			
		Leave open if not used				
PWM dimming & ON/OFF control	Remote ON/OFF	 Power ON with dimming: DIM ~ -Vin >2.5~5VDC or open circuit Power OFF: DIM ~ -Vin <0.8VDC or short 	 Power ON with dimming: DIM ~ -Vin >2.5~15VDC or open circuit Power OFF: DIM ~ -Vin <0.3VDC or short 			
	PWM frequency	100~1KHz				
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~+50°C	-40~+55°C			
EMC standards		BS EN55015, BS EN61547, BS EN61000-4-2,3,4,6,8				
Operating case temp. (max.)		90°C	90°C			
Dimension (LxWxH)(mm)		NLDD-H/HW: 32.1x 20.5x 12.5mm	47x 12x 7mm			

NLDD-H Series

EHICAC€ LDDS-H Series

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	Input (VDC)	Output			
Model No.		Voltage (VDC)	Current (mA)	Io Tol.	Effi.
NLDD-350H□	10~56	6~52	350	±5%	96%
NLDD-500H□	10~56	6~52	500	±5%	96%
NLDD-700H□	10~56	6~52	700	±5%	96%
NLDD-1050H 🗌	10~56	6~52	1050	±5%	96%
NLDD-1200H	10~56	6~46	1200	±5%	95%
NLDD-1400H□	10~56	6~46	1400	±5%	95%
	NLDD-500H NLDD-700H NLDD-1050H NLDD-1200H NLDD-12	NLDD-350H ☐ 10~56 NLDD-500H ☐ 10~56 NLDD-700H ☐ 10~56 NLDD-1050H ☐ 10~56 NLDD-1200H ☐ 10~56	Model No. Input (VDC) Voltage (VDC) NLDD-350H□ 10~56 6~52 NLDD-500H□ 10~56 6~52 NLDD-700H□ 10~56 6~52 NLDD-1050H□ 10~56 6~52 NLDD-1200H□ 10~56 6~46	Model No. Input (VDC) Voltage (VDC) Current (mA) NLDD-350H□ 10~56 6~52 350 NLDD-500H□ 10~56 6~52 500 NLDD-700H□ 10~56 6~52 700 NLDD-1050H□ 10~56 6~52 1050 NLDD-1200H□ 10~56 6~46 1200	Model No. Input (VDC) Output Voltage (VDC) Current (mA) Io Tol. NLDD-350H□ 10~56 6~52 350 ±5% NLDD-500H□ 10~56 6~52 500 ±5% NLDD-700H□ 10~56 6~52 700 ±5% NLDD-1050H□ 10~56 6~52 1050 ±5% NLDD-1200H□ 10~56 6~46 1200 ±5%

\square = Blank, W; Blank: pin style, W: wire style

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	Input (VDC)	Output			
Model No.		Voltage (VDC)	Current (mA)	Io Tol.	Effi.
LDDS-250HW	12~56	2~45	250	±5%	94%
LDDS-300HW	12~56	2~45	300	±5%	95%
LDDS-350HW	12~56	2~45	350	±5%	95%
LDDS-500HW	12~56	2~45	500	±5%	95%
LDDS-700HW	12~56	2~45	700	±5%	95%
LDDS-1000HW	12~56	2~45	1000	±5%	96%

 $[\]square$ = Blank, B; Blank: without Dimming, B: with 3inl Dimming