

DUCP250-1H24V (Product No.:

Product Features

- Constant voltage output
- Class I
- SELV
- IP67
- Independent



Application


Wall Washer


LED Strip Light


LED Tube


Underground Light

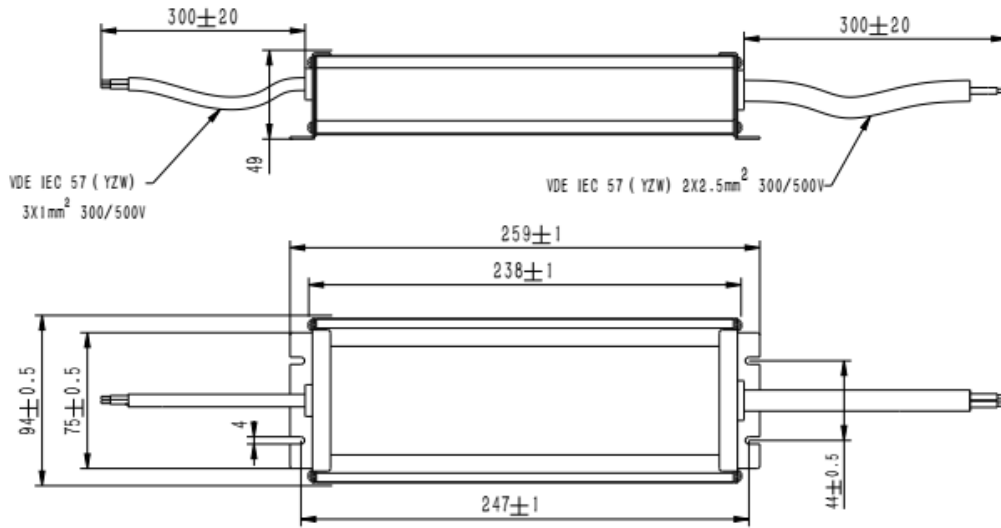

AR111 Venture Light



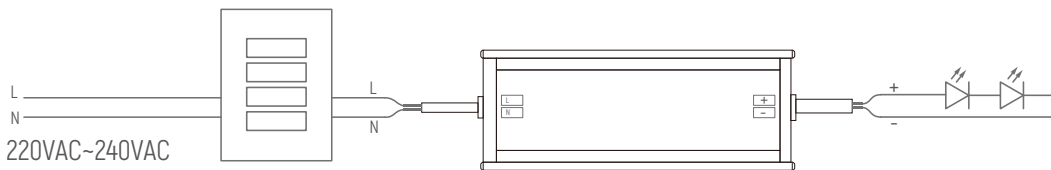
Technical Paramaters

Model	DUCP250-1H24V		
Input	Efficiency	92%@230VAC,Full load	
	Voltage	220VAC-240VAC	
	Frequency Range(Hz)	50/60Hz	
	Power Factor	0.95@230VAC, full load	
	THD(full load)	20%@230VAC, Full load	
	AC Current(max)	1.4A	
	Inrush Current(max)	TBD	
Output	Current(mA)	10.4A	
	Voltage (VDC)	24VDC	
	Power(W)	250W	
	Channel	1	
	Load regulation	5%	
	Line regulation	1%	
Protection	Short Circuit	Protected, no damage to driver	
	Output Open load	Output voltage limied to Vo.max	
	Too High Ambient Temperature	Protected by built-in thermal protection in controller IC	
	Output Over Current	Output power should be limited and no damage to driver	
Safety& EMC	Electric strength	In-Out	3750Vrms @50Hz/60Hz and be applied for 1 min
		n-GND	1500Vrms
	Leakage Current Test		0.6mA
	Insulation Resistance Test		2MΩ 500Vd.c. for 1min, For SELV part is 100 Vd.c.
	Surge	L-N	6 KV
		L,N-G	6 KV
	Safety Standards		IEC 61347-1, IEC 61347-2-13
EMC		EN55015/CISPR15, EN55015/CISPR15,ed7.1, IEC/EN 61000-3-2, EN/IEC 61547, EN/IEC 61000-4-2, EN/IEC 61000-4-3, EN/IEC 61000-4-4, EN/IEC 61000-4-5, EN/IEC 61000-4-6, EN/IEC 61000-4-11	
Others	Ambient temperature		-40°C~50°C
	Operation Humidity		10-90% H.op
	tc		90°C
	Housing Material		Aluminium
	IP Rating		IP67
	Switching cycles		500Hrs,@ 25 °C 0.5min on /0.5min off cycle
	Premature failure		10%@1000hours
	Packing(weight)		Net weight: TBD g±5%/PCS; PCS/Carton; kg±5%/Carton; Carton Size: mm(L*W*H)
	Dimension		259*94*49mm (L*W*H)

Dimension(mm)



Wiring



Cautions

- 1.The product shall be installed and serviced by a qualified person.
- 2.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 3.Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- 4.Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 5.For safety consideration, PVC or rubber cord of 0.75-1.5mm² is recommended for input and output terminal(s) .Flat power cord is not suitable. Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 6.The power supply should be strictly and reliably grounded to prevent electric shock.
- 7.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.

※ The contents of this manual are updated without prior notice. If the function of the product you are using is inconsistent with the instructions, the function of the product shall prevail. Please contact us if you have any questions .

DUCP250-1H24V (产品代码:)

产品特点

- 恒压输出
- Class I
- SELV
- IP67
- 独立式



应用



洗墙灯



LED灯带



LED硬灯条



地埋灯



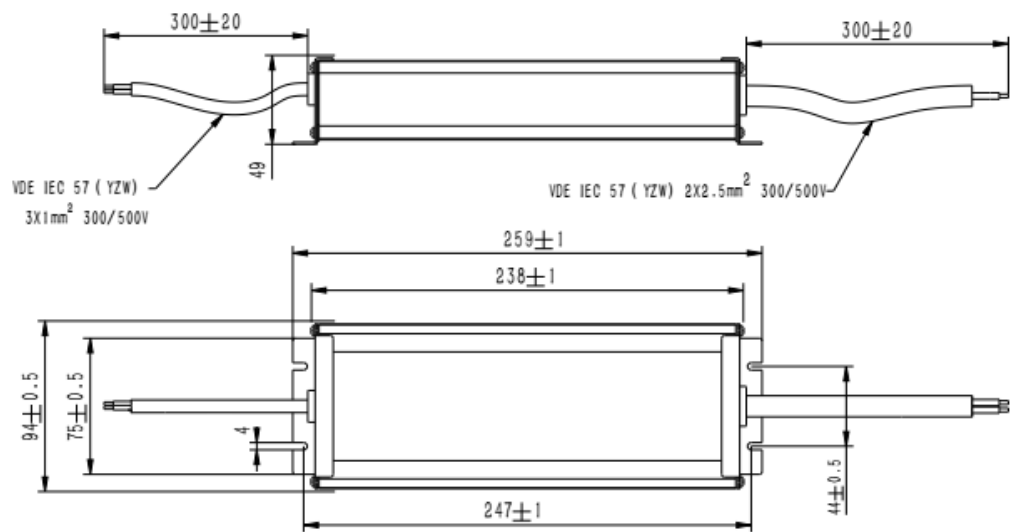
AR斗胆灯



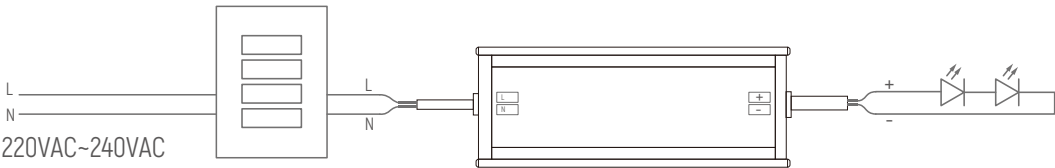
技术参数

型号	DUCP250-1H24V		
输入	效率	92%@230VAC,满载	
	电压	220VAC-240VAC	
	频率	50/60Hz	
	功率因素	0.95@230VAC, 满载	
	THD	20%@230VAC, 满载	
	电流	1.4A	
	浪涌电流	TBD	
输出	电流(mA)	10.4A	
	电压 (VDC)	24VDC	
	功率(W)	250W	
	通道	1	
	负载调整率	5%	
	线调整率	1%	
保护	短路保护	保护，电源无损伤	
	输出过载	Output voltage limied to Vo.max	
	环境温度过高	控制器IC内置热保护	
	输出电流	输出功率有限对电源无伤害	
安全 & 电磁兼容	耐电强度	输入-输出	3750Vrms @50Hz/60Hz and be applied for 1 min
		n-GND	1500Vrms
	漏电流测试		0.6mA
	绝缘电阻测试		2MΩ 500 vd.c。对于SELV部分，1min为100 vdc。
	浪涌	L-N	6 KV
		L,N-G	6 KV
	安全标准		IEC 61347-1, IEC 61347-2-13
其他	EMC		EN55015/CISPR15, EN55015/CISPR15,ed7.1, IEC/EN 61000-3-2, EN/IEC 61547, EN/IEC 61000-4-2, EN/IEC 61000-4-3, EN/IEC 61000-4-4, EN/IEC 61000-4-5, EN/IEC 61000-4-6, EN/IEC 61000-4-11
	环境温度		-40℃~50℃
	工作湿度		10-90% H.op
	tc		90℃
	外壳材质		Aluminium
	IP 等级		IP67
	开关次数		500Hrs,@ 25 C 0.5min on /0.5min off cycle
	过早失效		10%@1000hours
	包装(重量)		净重: TBD g±5%/PCS; PCS/Carton; kg±5%/箱; 外箱尺寸: cm(长*宽*高)
	尺寸		259*94*49mm (L*W*H)

尺寸(mm)



接线图:



注意事项:

- 1、本产品请由具有专业资格的人员进行调试安装。
- 2、良好的散热条件会延长产品的使用寿命，请把产品安装在通风良好的环境。
- 3、请检查使用的LED电源输出电压电流，是否符合产品要求。
- 4、使用的电线直径大小必须能够负载连接的LED灯具，并确保接线牢固，以免电线过热或接触不良触发事故。
- 5、通电调试前，应确保所有接线正确，以避免因接线错误而导致灯具损坏。
- 6、安装在金属表面，电源应严格可靠接地，以防漏电触电。
- 7、如果发Th故障，请勿私自维修；如果有疑问，请联系供应商。

※ 本说明书内容如有更新，恕不另行通知。
若您使用的产品功能与说明书不一致时，请以产品为准。如有疑问请与我们联系。