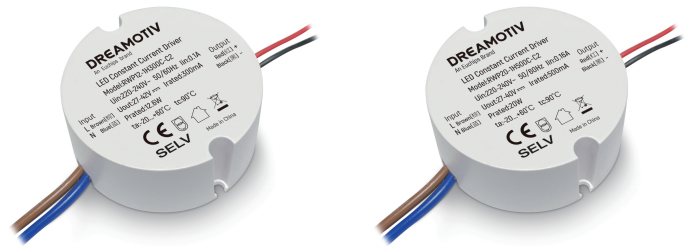


RWP12-1H300C-C2

RWP20-1H500C-C2

Product Feature

- Isolated LED Driver for class I , Class II LED Luminaire
- Fixed output built-in LED driver
- Simple structure, cost effective
- Flicker free LED driver
- Indoor office lighting, decorative lighting, commercial lighting, and residential lighting
- 5 years warranty



Application



Technical Parameters

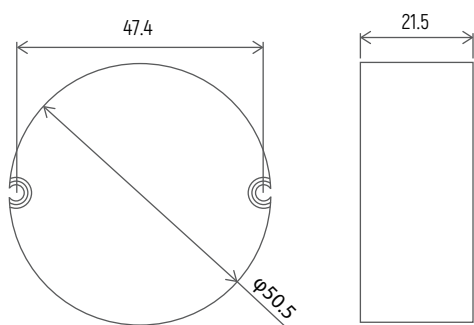
Model	Input Voltage	Input Current	Input Power	PF	Output Voltage	Output Current	No load Voltage	Range of Output Power	效率
RWP12-1H300C-C2	220-240VAC	0.1A	15.5W	0.92	27-42VDC	300mA	55VDC	8.1-12.6W	82%
RWP20-1H500C-C2	220-240VAC	0.16A	24W	0.92	27-40VDC	500mA	55VDC	13.5-20W	86%

Input	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	THD	<15%@230VAC, 满载
	No-load Power Consumption	≤0.5W @230VAC
	Inrush Current	≤25A (230VAC, Full-load)
	Connected quantity of 16A Breaker	33pcs/type B ;53pcs/type C @ 230Vac
Output	Current Tolerance	±5%
	Started Delay Time	≤0.5S (230VAC, full load)
	Current Ripple	<8%
	Channel	1
Protection	Short Circuit	Auto Recovery
	Overload Protection	Auto Recovery
	Insulation voltage	I/P to O/P, 3KVac/1min
	Insulation resistance	>100M ohm @ 500VDC
	Leakage current	I/P to O/P < 250 μ A
Environment	Ta/Operation Temperature	-20...+60 ℃
	Ts/Storage Temperature	-40...+80 ℃
	Tc/Enclosure Temperature	90 ℃
	Humidity	10%...90%RH
	Atmosphere	86-108KPa
Standards	Safety Standards	EN 61347-1:2015/A1:2021 EN 61347-2-13:2014/A1:2017 EN 62493:2015
	EMC Standards	EN 61547、EN55015、EN 61000-3-2、EN61000-3-3
	Performance	EN62384
	Surge	L-N/1KV
	Withstand voltage	I/P-O/P:3.75KVac,<5mA 60s;
Others	RoHS	RoHS 2.0 (EU) 2015/863
	Life Time	30000h @60 ℃ (Ta) / 90 ℃ (Tc)
	Warranty	5years, F.R.<10000ppm
	Packing(weight)	Net weight: 69g±5%/PCS; 120PCS/Carton; 8.78 kg±5%/Carton; Carton Size: 390*140*250mm(L*W*H)

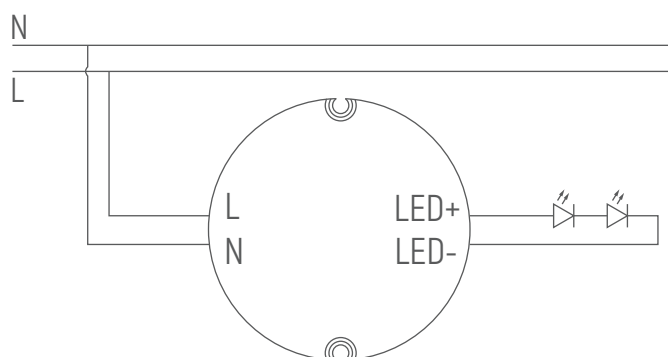
Remark

- 1.All Parameters, if not specified, are measured at 230VAC/50Hz and 25 ℃ ambient temperature.
- 2.LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.
- 3.It is recommended that customer should install overvoltage and undervoltage protection devices and surge protection devices in the power supply circuits of the light fixtures to ensure safety before connecting to electricity.
- 4Man-made damage, any use beyond the specification and non-original-factory modification are not covered by warranty.

Dimension(mm)



Wiring Diagram



Wiring instructions

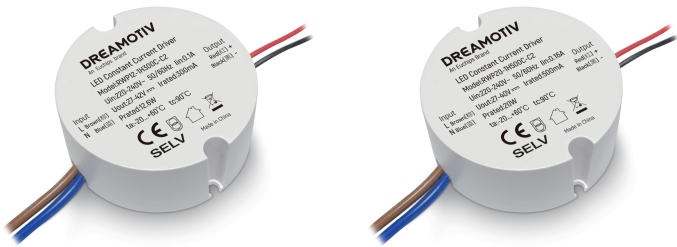
- All connections must be kept as short as possible to ensure good EMI behaviour
- Mains leads should be kept apart from LED Driver and other leads (ideally 5 – 10 cm distance)
- Advice the maximum length of output wires is 3 m
- Secondary switching is not permitted (Except for constant voltage)
- Incorrect wiring can damage LED modules.
- The wiring must be protected against short circuits to earth (sharp edged metals parts, metal cable clips, louver, etc.)

RWP12-1H300C-C2

RWP20-1H500C-C2

产品特点

- 隔离电源（适用于I，II类灯具）
- 固定输出内置式LED驱动
- 结构简单、性价比高
- 无频闪LED驱动
- 可用于室内办公照明、装饰照明、商照照明和家居照明
- 5年质保



应用



技术参数

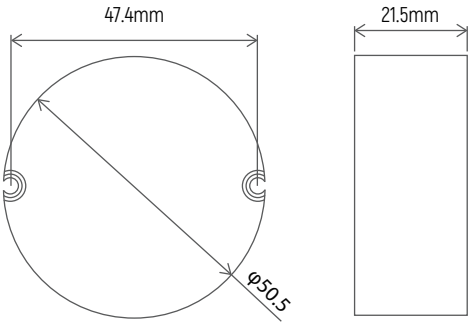
型号	输入电压	输入电流	输入功率	功率因数	输出电压	输出电流	空载电压	输出功率范围	效率
RWP12-1H300C-C2	220-240VAC	0.1A	15.5W	0.92	27-42VDC	300mA	55VDC	8.1-12.6W	82%
RWP20-1H500C-C2	220-240VAC	0.16A	24W	0.92	27-40VDC	500mA	55VDC	13.5-20W	86%

输入	输入电压范围	198-264VAC
	频率	50/60Hz
	THD	<15%@230VAC, 满载
	空载功耗	≤0.5W @230VAC
	涌入电流	≤25A [230VAC, Full-load]
	断路器电源连接数量	33pcs/type B ;53pcs/type C @ 230Vac
输出	电流精度	±5%
	启动延时	≤0.5S [230VAC, full load]
	纹波电流	< 8%
	通道	1
保护	短路保护	自动恢复
	过载保护	自动恢复
	绝缘电压	I/P to O/P , 3KVac/1min
	绝缘电阻	>100M ohm @ 500VDC
	漏电流	I/P to O/P < 250 μ A
使用环境	工作温度	-20....+60 C
	储存温度	-40....+80 C
	外壳温度	90 C
	湿度	10%....90%RH
	大气压强	86-108KPa
标准	安全标准	EN 61347-1:2015/A1:2021 EN 61347-2-13:2014/A1:2017 EN 62493:2015
	电磁兼容标准	EN 61547、EN55015 、 EN 61000-3-2、 EN61000-3-3
	性能标准	EN62384
	浪涌	L-N/1KV
	耐压测试	I/P-O/P:3.75KVac,<5mA 60s;
其他	环保	RoHS 2.0 （EU） 2015/863
	寿命	30000h @60 C [Ta] / 90 C [Tc]
	质保	5years , F.R.<10000ppm
	包装尺寸(重量)	净重:69g±5%/PCS; 120PCS/Cartron; 8.78kg±5%/箱; 外箱尺寸: 390*140*250mm[长*宽*高]

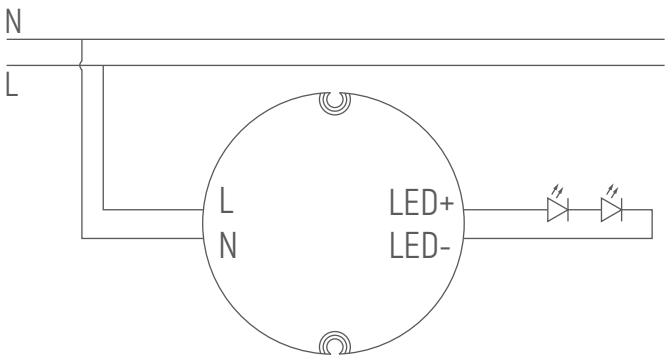
备注:

- 1.所有参数无特别说明，均在输入电压230VAC/50Hz和25℃的环境温度下测得。
- 2.LED 电源作为整灯中的一个零部件与终端设备结合使用，因 EMC 性能受 LED 灯具以及走线的影响，终端设备制造商需对整套装置重新进行 EMC 确认。
- 3.建议客户在灯具供电回路中安装过欠压保护与浪涌保护装置，以确保用电安全。
- 4.人为损坏、超出本产品使用条件、非原厂改动不属于保修范围。

尺寸(mm)



接线图



接线说明:

- 所有的连接线尽可能的短，以保证良好的EMI
- 电源线应和驱动器以及其他连接线保持一定的距离（建议5-10cm）
- 建议输出线的最大长度不超过3m
- 不允许二次侧开关（恒压除外）
- 错误的布线会损坏LED模组
- 防止线路电线对地短路。（尖锐的金属零件、金属电缆夹、百叶窗等）