

- RWP5-1H100C-W
- RWP6-1H150C-W
- RWP10-1H200C-W
- RWP10-1H250C-W
- RWP12-1H300C-W
- RWP15-1H350C-W

Product Features

- Isolated LED Driver for class I , Class II LED Luminaire
- Fixed output independent LED driver
- Flicker free LED driver
- indoor office lighting, decorative lighting, commercial lighting, and residential lighting
- 15.W\Max. output power 15W
- 5 years warranty



Application

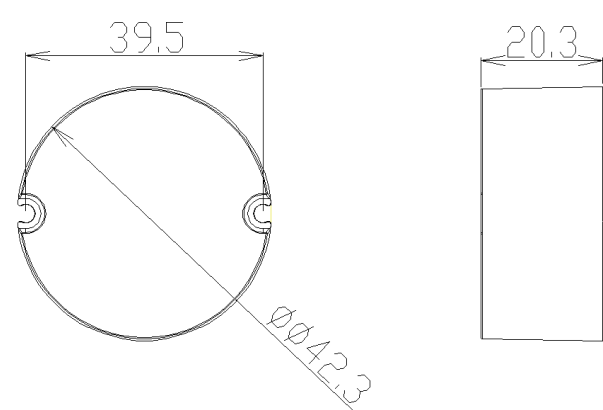


Technical Paramaters

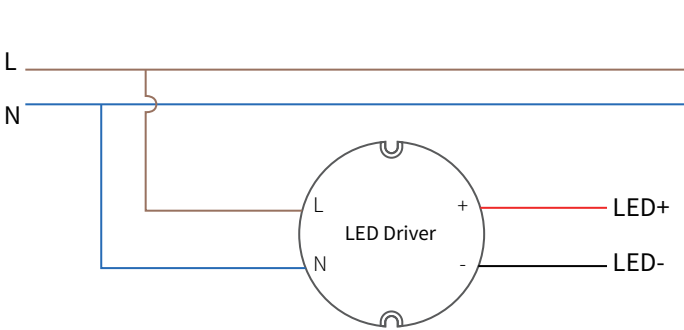
Model		RWP5-1H100C-W	RWP6-1H150C-W	RWP10-1H200C-W	RWP10-1H250C-W	RWP12-1H300C-W	RWP15-1H350C-W
Input	Rated Input Voltage	220-240V					
	Range of Input Voltage	198-264VAC					
	Frequency	50/60Hz					
	Current	0.09A	0.1A	0.14A	0.14A	0.17A	0.19A
	Power	5.5W	8.2W	12.3W	12.3W	15.6 W	17.3W
	Power Factor	0.45	0.5	0.5	0.5	0.5	0.5
	No-load Power Consumption	≤0.5W @230VAC					
	Inrush Current	5-10W: ≤15A/350us (230VAC, Full-load) 12-15W: ≤20A/350us (230VAC, Full-load)					
	Connected quantity of 16A Breaker	6-10W:33pcs/type B ; 53pcs/type C @ 230Vac 12-15W: 25pcs/type B ; 40pcs/type C @ 230Vac					
Output	Voltage	27-42V	27-42V	30-50V	27-40V	27-42V	30-42V
	Current	100mA	150mA	200mA	250mA	300mA	350mA
	No load Voltage	63V	63V	70V	63V	63V	63V
	Power Range	2.7-4.2W	4.05-6.3W	6-10W	6.75-10W	8.1-12.6W	10.5-14.7W
	Efficiency	76%	77%	81%	81%	81%	85%
	Current Tolerance	±5%					
	Started Delay Time	≤0.5S (230VAC , full load)					
	Current Ripple	≤10%					
Protection	Short Circuit	Auto Recovery					
	Over load	Auto Recovery					
	No-load Protection	Auto Recovery					
	Insulation resistance	>100M ohm @ 500VDC					
	Leakage current	I/P to O/P < 250 μ A					
Environment	Ta/Operation Temperature	-40....+80℃					
	Ts/Storage Temperature	-20....+60℃					
	Tc/Enclosure Temperature	90℃					
	Humidity	10%....90%RH					
	Atmosphere	86-108KPa					
Construction	Connection Method	Direct Lead					
	Installation	Build-in					
	PRI Wire preparation	0.5-1.5 ²					
	SEC Wire preparation	0.3-1.5 ²					
	Wire stripping length	3-8mm					
	Dimension	φ42x20mm					

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	50000h @45℃ [Ta] / 90℃ [Tc]
	Warranty	5years, F.R.<10000ppm

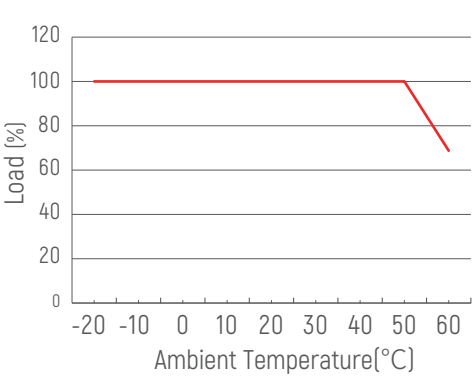
Dimension(mm)



Wiring



Derating Curve



Cautions

- 1.The product shall be installed and serviced by a qualified person.
- 2.This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- 3.Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 4.Please check if the output voltage and current of any LED power supplies used comply with the requirement of the product.
- 5.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.
- 6.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.
- 7.If a fault occurs please return the product to your supplier. Do not attempt to fix this product by yourself.
- 8.No insulation between dimming circuit and LV circuit

※ 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 .