25w IP20 Triac Dimmable
Constant Voltage LED Driver

Material	Plastic
Colour	White
IP Rating	IP20
Input Voltage	220 - 240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	25w (Recommended Max Wattage = 20w)
Protection Class	2 (No Earth Required)
Wiring	Parallel
Protections	Short Circuit, Overload, Over Temperature
Dimming Range	5% - 100%
Dimmable	Yes - Triac
Warranty	3 Years Replacement

Product Ordering

Part Number	Output Voltage	Barcode
HV9668-12V25W	12v DC Constant Voltage	9350418027894
HV9668-24V25W	24v DC Constant Voltage	9350418027900

Website

Warranty
Terms & Conditions

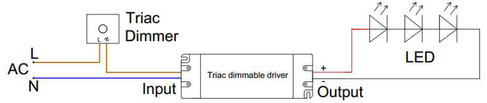
Compatible with

Single Colour LED Strip

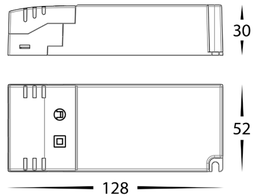
HV9625

240V Dimmer

Sample Installation Diagram



Dimensions



		HV9668-12V25W	HV9666-24V25W
Output	DC Voltage	12v DC	24v DC
	Voltage Tolerance	± 0.5V	± 0.5V
	Rated Current	2.08A	1.04A
	Rated Power	25W	
	Line Regulation	± 1V	
	No. Output Cables	0	
	Set up time	2000ms, 50ms(at full load) 110V AC / 230V AC	
	Holding time (Typ.)	15ms(at full load) 110V AC / 230V AC	
	Ripple and Noise(max)	120mVp-p	240mVp-p
	Load Regulation	± 2%	
Input	Voltage range Note 2	220~240V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP.) @ Full Load	PF ≥ 0.95 / 230V (at full load)	
	Efficiency(Typ.)@ Full Load	83%	83%
	AC Current (Max)	0.4A / 230V AC	
	Inrush Current (TYP.)	50A, 50%, 176us	
	Leakage Current	<0.5mA / 240V AC	
Protections	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed	
	Overload	≤ 120% shut down o/p voltage, re-power on to recover after fault condition is removed	
	Over Temperature	100°C ± 10°C shut down o/p voltage, re-power on to recover	
Environment	Working Temp.	Ta: -40°C ~ +60°C	
	Working Humidity	20%~90% RH, non-condensing	
	Storage TEMP. Humidity	-40°C ~+80°C, 10%~95% RH	
	TEMP. Coefficient	± 0.03%/°c (0-50°c)	
	Vibration	10~500Hz, 2G 12min./ 1 Cycle, Period for 72min, each along X,Y,Z axes	
Safety & EMC	Safety Standards	Compliance to EN61347-1, EN61347-2-13, AS/NZS61347-1, IP66 waterproof rating.	
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG: 100Mohms/500Vdc 25°C /70%RH	
	EMC Emission	Compliance to AS/NZS CISPR15	
	EMC Immunity	Compliance to AS/NZS CISPR15	

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