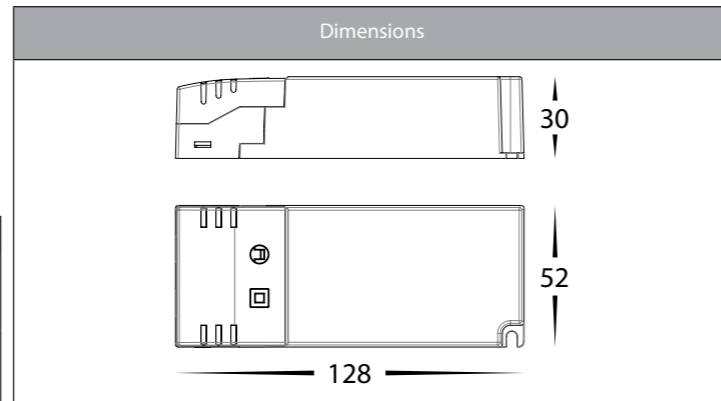
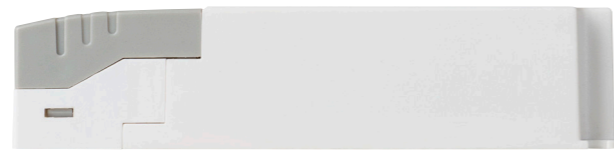


# 25w Triac Dimmable Constant Voltage IP20 LED Driver

## Product Specifications

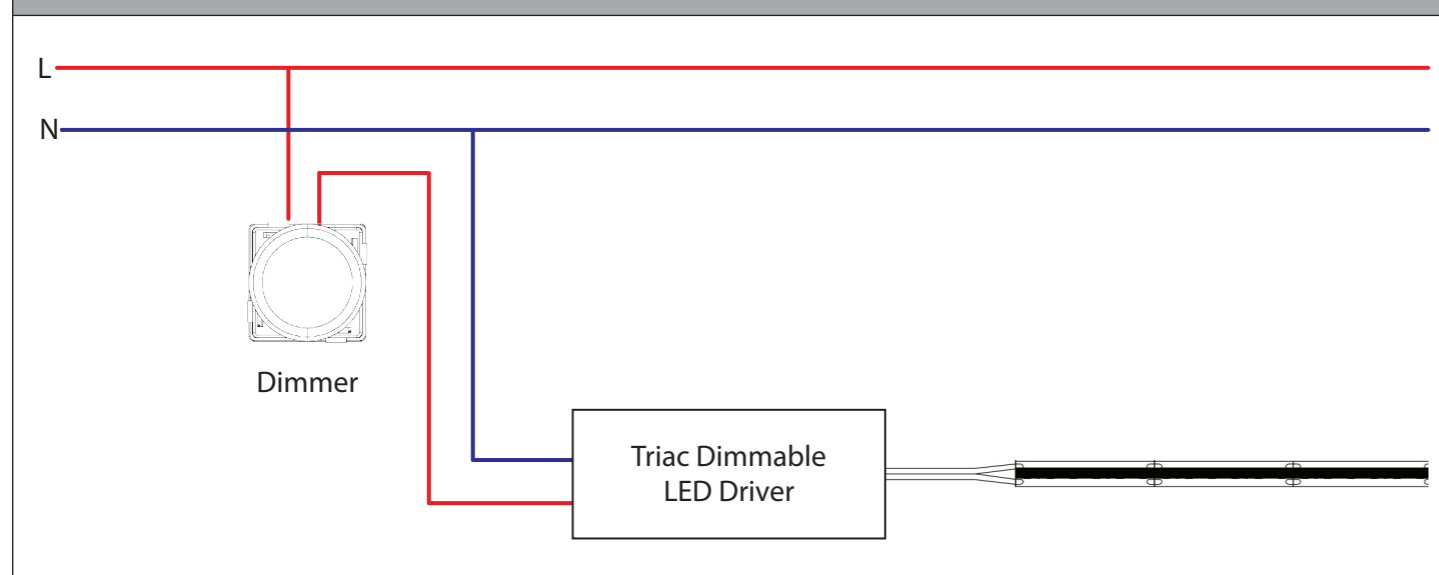
Material	Plastic
Colour	White
IP Rating	IP20
Input Voltage	220 - 240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	25w
Recommended Max Wattage	20w
Protection Class	Class 2 (No Earth Required)
Dimming Methods	Triac
Dimming Range	5% - 100%
Protections	Short Circuit, Overload, Over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



## Product Ordering

Part Number	Output Voltage	Barcode
<b>HV9668-12V25W</b>	12v DC Constant Voltage	9350418027894
<b>HV9668-24V25W</b>	24v DC Constant Voltage	9350418027900

## Sample Wiring Diagrams



Part Number	HV9668-12V25W	HV9668-24V25W	
<b>Output</b>	DC Voltage	12v DC	24v DC
	Voltage Tolerance	± 0.2V	
	Rated Current	2.08A	1.04A
	Rated Power	25W	
	Load Regulation	± 1%	
<b>Input</b>	Standby Power Consumption	≤ 0.5W	≤ 0.5W
	Voltage Range	220 - 240V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP.) @ Full Load	PF≥0.95 @ 230V AC	
	THD(Typ.) @ Full Load	≤ 15% @ 230V AC	
	Efficiency(Typ.)@ Full Load	83% @ 230V AC	
	AC Current (Max)	0.4A	0.4A
	Inrush Current (TYP)	70A, 188us@50% Ipeak (230V AC)	
	Leakage Current	.05mA	
	<b>Protections</b>	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed
Overload		≤120%, Hiccup mode, Recover automatically after fault condition is removed	
Over Temperature		Ambient Temperature Over 55°C ± 10°C, Output will turn off and recovers automatically after temperature drops.	
<b>Environment</b>	Working Temp.	-40°-+60°C	
	Working Humidity	20-90%RH, Non Condensing	
	Storage TEMP. Humidity	-40 - +80°C, 10 - 95% RH	
	TEMP. Coefficient	≤0.03%/°c (0-50°c)	
	Vibration	10-500hZ, 2g 10min./1 Cycle, Period for 60min, each along X,Y,Z axes	
<b>Safety &amp; EMC</b>	Safety Standards	EN61347-1	
	Isolation Resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH	
	EMC Emission	EN55015   EN61000-3-2 EN61000-3-3 (EU)≥50% Load & FCC Part 15 B (US)	
	EMC Immunity	EN61000-4-2,3,4,5,6,11   EN61547	
<b>Others</b>	Weight	110g	

\*Items ordered after 01-01-2022

