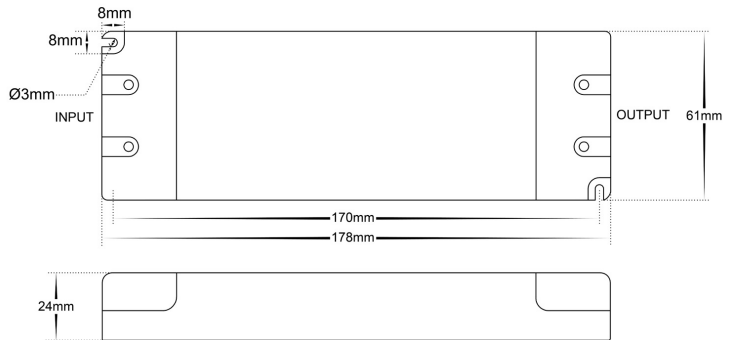


60w 24v DC Triac Dimmable LED Driver



PRODUCT SPECIFICATIONS

MATERIAL	Plastic
COLOUR/FINISH	Blue
WORKING TEMPERATURE	-40C to +60°C
OVERLOAD PROTECTION	Yes
SHORT CIRCUIT PROTECTION	Yes
OVER VOLTAGE PROTECTION	Yes
DIMMING	Triac
INPUT VOLTAGE	240v AC (Supplied with flex & plug)
OUTPUT VOLTAGE	24v DC Constant Voltage
RECOMMENDED MAX. LOAD	48w
IP RATING	IP20
WARRANTY	5 Years Replacement



TECHNICAL SPECIFICATIONS

Part Number:		HCP-51231
Output	DC Voltage	24v
	Voltage Tolerance	±0.5V
	Rated current	2.5A
	Rated power	60W (Recommended Maximum Load = 48W)
Input	Voltage Range	180-240V <u>AC</u>
	Frequency Range	47-63Hz
	Power Factor(Typ.)	0.98
	Full Load Efficiency(Typ.)	83%
	AC Current(Max.)	0.33
	Leakage Current	<0.5mA
Protection	Short Circuit	Protection type :Hiccup mode, recovers automatically after fault condition is removed
	Over Load	≅120%
	Over Circuit	≅1.2 * I out
	Protection Class:	I
	Over temperature	100°C±10°Cshut down o/p voltage ,re-power on to recover
Environment	Working TEMP.	-40 - +60°C
	Working Humidity	20-95% RH,non-condensing
	Storage TEM.,Humidity	-40 - +80 °C,10-90% RH
	TEMP.coefficient	±0.03% / °C (0-50°C)
	Vibration	10 - 500Hz, 5G 12min./1 cycle, period for 72min.each along X,Y,Z axes.
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13 IP66
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC
	Isolation resistance	I/P-O/P I/P-FG O/P-FG: 100M Ω /500VDC/25°C/70% RH
	EMC Emission	EN55015,EN61000-3-2,3 (≅60%loading)
Others	EMC Immunity	EN61000-4-2,3,4,5,6,11,EN61547,A light industry level (Surge 4KV)
	Net.Weight	0.95 Kg
	Warranty	5 Years Replacement