

Model: GP-HS05N-12C1

Features

- Universal AC Input 90~264VAC.
- Constant Current Operation.
- Suitable for High Brightness Light-Emitting Diode products.
- Protections: OCP / SCP.
- Cooling by Free Air Convection.
- IP67.

Approvals

CE FC IP67

Size

57*41*24 mm (L*W*H)

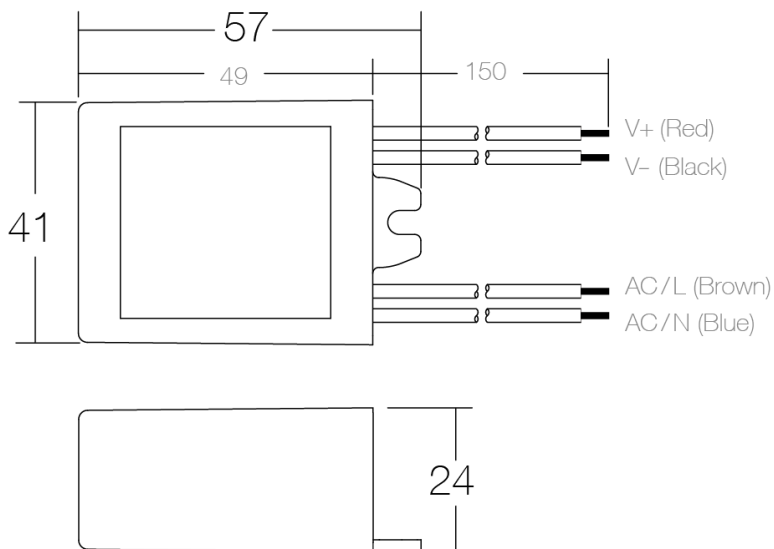


Specifications

Model No.		GP-HS05N-12C1
Output	DC Voltage	12V
	Constant Current Region <small>Note.2</small>	3 ~ 11.6V
	Rated Current	400mA
	Current Tolerance	± 10%
	Rated Power	4.6W
	Efficiency at 230V AC(Typ.)	70%
	Voltage Tolerance <small>Note.3</small>	± 5%
	Set up time (Max.)	< 1S
Input	Voltage Range	90 ~ 264VAC
	Frequency Range	47 Hz ~ 63 Hz
	AC Current (Max.)	0.15A at 115VAC / 0.1A at 230VAC
Protections	Over Current	Constant current mode protection
	Short Circuit	Type: Hiccup mode & recovers after fault condition disappeared.
Environment	Operation Temp.	-20°C ~ 40°C
	Operation Humidity	20% ~ 90% RH non-condensing.
	Storage Temp.	-40 ~ +80°C
	Storage Humidity	10% ~ 90% RH
	Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.
Safety & EMC	Safety Standards	Compliance EN61347-1,EN61347-2-13 ,IP67
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P,I/P-FG,O/P-FG:100M ohms / 500VDC at 25°C
	EMI Conduction & Radiation	Compliance to EN55015,FCC part 15
	Harmonic Current	Compliance to EN61000-3-2 Class A,EN61000-3-3
	EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;EN61547

Others	MTBF	200K hours min. MIL-HDBK-217F(25°C)
	Dimension(L x W x H)	57 x 41 x 24mm; 77.4g/pcs
Note	<ol style="list-style-type: none"> All specifications not specially mentioned are measured at 230VAC and 25°C ambient temperature. This is the suitable operation region for LED related applications, but please reconfirm special electrical requirements for some specific system design. Voltage Tolerance: includes line regulation, load regulation and set-up tolerance. 	

Mechanical Specification



Derating Curve

