

Clase II Class II
FAP 120 CASAMBI

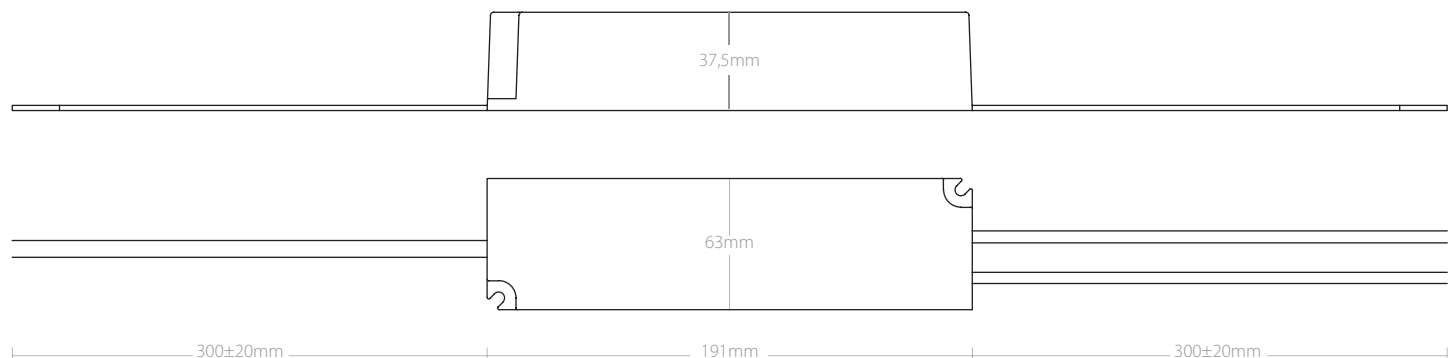
FP120-CAS

Fuente de alimentación de tensión constante. Especialmente diseñado para la regulación de tiras de LED mediante señal CASAMBI. Regulación del 0% al 100% de la intensidad de salida. Funciona desde 100 ~ 240VAC.

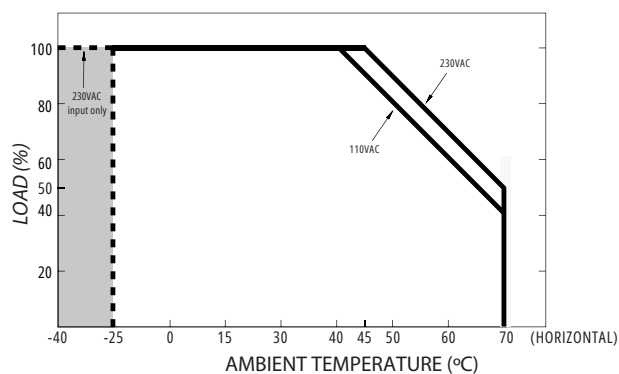
Constant voltage power supply. Specially designed for the regulation of LED strips by CASAMBI signal. Regulation from 0% to 100% of the output intensity. Operates from 100 ~ 240VAC.



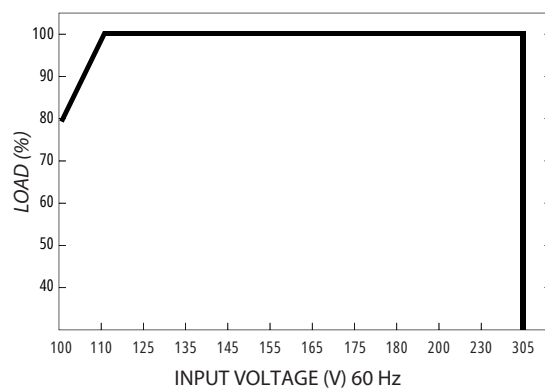
•Medidas Dimensions



• Curva de reducción Derating curve



• Características estáticas Static characteristics



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Características técnicas Technical data

		FP120-12-CAS	FP120-24-CAS
Salida Output	Voltaje DC DC Voltage	12V	24V
	Corriente nominal Rated current	5A	2,5A
	Potencia nominal Rated power	60W	60W
	Rango de regulación Dimming range	0 ~ 100%	
	Frecuencia PWM PWM frequency	1.47kHz for Blank/DA type; 2.5kHz for DA2 type	
	Configuración, Tiempo de subida Setup, Rise time	500ms, 80ms/115AC or 230VAC	
	Espera tiempo Hold up time	16ms/115AC or 230VAC	
Entrada Input	Rango de voltaje Voltage range	90 ~ 305VAC 127 ~ 431VDC	
	Rango de frecuencia Frequency range	47 ~ 63Hz	
	Factor de potencia Power factor	PF>0.97/115VAC, PF>0.95/230VAC, PF>0.92/277VAC @ full load	
	Distorsión armónica total Total harmonic distortion	THD<20%(@load>60%/115VAC, 230VAC; @load>75%/277VAC)	
	Eficiencia Efficiency	86%	89%
	Corriente AC AC current	0.8A / 115VAC 0.4A / 230VAC 0.32A / 277VAC	
	Corriente de irupción Inrush corrent	COLD START 50A(twidth=270µs measured at 50% Ipeak) at 230V	
Protección Protection	Corriente de fuga Leakage current	<0.25mA / 277VAC	
	Sobrecarga Overload	108 ~ 135% rated output power Hiccup mode or Constant current limiting,recovers automatically after fault condition is removed.	
	Sobre voltaje Over voltage	15 ~ 17V	28 ~ 34V
Ambiente Environment	Temperatura de trabajo Working temperature	-40 ~ +85°C	
	Humedad de trabajo Working humidity	20 ~ 95% RH	
	Temp. almacen., humedad Storage temp.,humidity	-40 ~ +80°C, 10 ~ 95% RH	
	Coeficiente temperatura Temp. coefficient	±0.03%/°C (0 ~ 50°C)	
	Vibración Vibration	10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes	
Seguridad Safety & EMC	Estándares de seguridad Safety standards	UL8750(type "HL")(except for DA-Type), UL879(for 12V,24V Blank Type only), CSA C22.2 No. 250.13-12; ENEC BS EN/EN61347-1, BS EN/EN61347-2-13 independent, BS EN/EN62384, IP67,BIS IS15885(for 12,24,48 Blank Type only), EAC TP TC 004, GB19510.1,GB19510.14 approved; Design refer to BS EN/EN60335-1; According to BS EN/EN61347-2-13 appendix J suitable for emergency installations	
	Tensión soportada Withstand voltage	I/P-O/P: 3.75KVAC; I/P-DA: 1.5KVAC; O/P-DA:1.5KVAC	
	Resistencia al aislamiento Isolation resistance	I/P-O/P: 100M Ohms / 500VDC / 25°C/ 70% RH	
	Emisión EMC EMC emission	Compliance to BS EN/EN55015, BS EN/EN61000-3-2 Class C (@load>60%); BS EN/EN61000-3-3,GB17743 and GB17625.1,EAC TP TC 020 Compliance to	
	Inmunidad EMC immunity	BS EN/EN61000-4-2,3,4,5,6,8,11; BS EN/EN61547, light industry level (surge immunity Line-Line 2KV), EAC TP TC 020	



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Esquema conexión

- Installation diagram

