

Clase II Class II
FAP 200 CASAMBI

FP200-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 ~ 305VAC.

Constant voltage power supply. Specially designed for the regulation of LED stripsby CASAMBI signal. Regulation from 0% to 100% of the output intensity. Operates from 100 ~ 305VAC.

IP
67

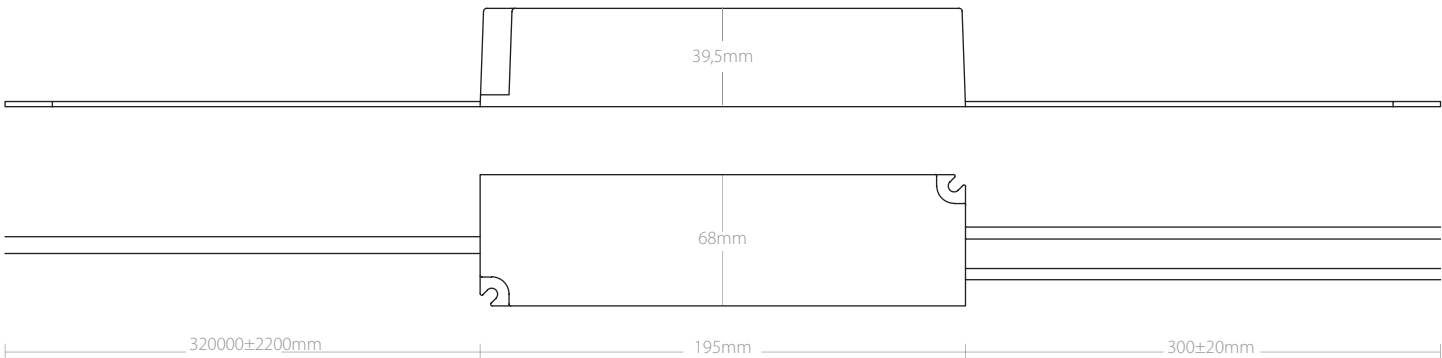
24V
DC

5
Warranty
Years

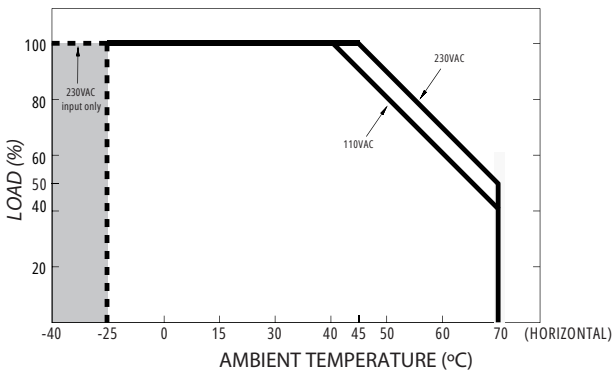
SELV

•Medidas

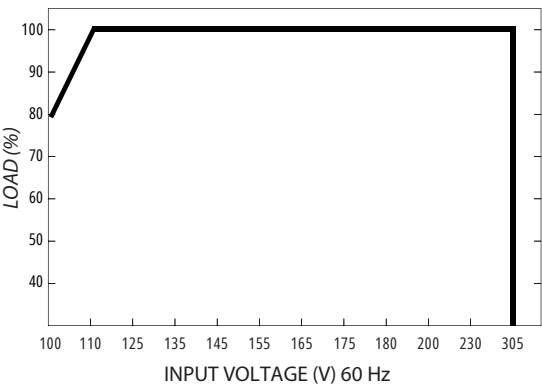
Dimensions



• Curva de reducción
Derating curve



• Características estáticas
Static characteristics



CE

RoHS

UL

IFC

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Características técnicas

Technical data

FP200-24-CAS

Salida Output	Voltaje DC DC Voltage	24V		
	Corriente nominal Rated current	8,3A		
	Potencia nominal Rated power	199,2W		
	Rango de regulación Dimming range	0 ~ 100%		
	Frecuencia PWM PWM frequency	4kHz 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	10ms/115AC or 230VAC		
Entrada Input	Rango de voltaje Voltage range	100 ~ 305VAC 142 ~ 431VDC		
	Rango de frecuencia Frequency range	47 ~ 63Hz		
	Factor de potencia Power factor	PF>0.97/115VAC, PF>0.96/230VAC, PF>0.94/277VAC @ full load		
	Distorsión armónica total Total harmonic distortion	THD<20%(@load>60%/115VAC, 230VAC; @load>75%/277VAC)		
	Eficiencia Efficiency			92% 93%
	Corriente AC AC current	2.2A / 115VAC	1.1A / 230VAC	0.9A / 277VAC
	Corriente de irupción Inrush corrent	COLD START 65A(twidth=550µs measured at 50% Ipeak) at 230V		
Protección Protection	Corriente de fuga Leakage current	<0.75mA / 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			13 ~ 18V 27 ~ 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

